

SUMERIAN ECONOMIC TEXTS
FROM THE
FIRST DYNASTY OF ISIN

BY

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ABBREVIATIONS AND SIGNS

AnOr	Analecta Orientalia
AS	Assyriological Studies, The Oriental Institute of the University of Chicago
BASOR	<i>Bulletin of the American Schools of Oriental Research</i>
BIN IX	Babylonian Inscriptions in the Collection of James B. Nies, Vol. IX (this volume)
I.	Ishbi-Erra
JAOS	<i>Journal of the American Oriental Society</i>
JCS	<i>Journal of Cuneiform Studies</i>
LAK	Anton Deimel, <i>Liste der archaischen Keilschriftzeichen von Fara</i>
NBC	Nies Babylonian Collection, Yale University
OECT	Oxford Editions of Cuneiform Texts
RA	<i>Revue d'assyriologie et d'archéologie orientale</i>
RLA	<i>Reallexikon der Assyriologie</i>
Sh.	Shu-ilishu
ŠL	Anton Deimel, <i>Šumerisches Lexikon</i>
StD	Studia et Documenta ad Iura Orientis Antiqui Pertinentia
StOr	Studia Orientalia edidit Societas Orientalis Fennica
UET	Ur Excavations, Texts
YBC	Yale Babylonian Collection
ZA	<i>Zeitschrift für Assyriologie</i>
⌈ ⌋	text partially destroyed
[]	text entirely destroyed
[]	to be deleted
< >	scribal omission
[X]	probably nothing missing

INTRODUCTION

All of the five hundred and thirty-five texts published in this volume, save one, are a part of the James B. Nies Babylonian Collection at Yale University. The single exception comes from the Yale University Babylonian Collection. These documents originated in the early years of the First Dynasty of Isin, a period now dated near the beginning of the twentieth century B.C. and hereafter often referred to as Early Isin. Although important new material has come to light within recent years, the era surrounding the fall of the Third Dynasty of Ur and the rise of the First Dynasty of Isin is still one of the lesser known pages of Sumero-Akkadian history. This publication presents the first sizable group of economic texts from this period.

This Early Isin material is limited to the reigns of the first two rulers of the dynasty, Ishbi-Erra and Shu-ilishu. Since the Sumerian king list says that the former was king for thirty-three years and the latter for ten, the maximum period during which most of these tablets (a few are not Early Isin) were written was forty-three years. Indeed, the texts herein dealt with break off abruptly after the third year of Shu-ilishu, reducing the length of time covered by almost all of these records to only thirty-six years.

Of the more than eight hundred Early Isin tablets in the Nies Babylonian Collection, over four hundred deal in some way with one subject, namely, the leather industry. Such unusual wealth of material focused upon one point is seldom found concentrated within such narrow geographic and chronological limits in cuneiform economic texts. This striking singularity of subject matter, together with the fact that the names of a few men recur again and again, suggests very strongly that these documents come from the archive of one particular temple. This archive, in turn, may have been composed of a series of smaller parts involving specific individuals.

Although this body of Early Isin texts most probably comes from a single site, no accurate information can be given as to their provenience. The reason is that all of the tablets were acquired from the hands of dealers in antiquities who did not know or did not tell whence they came. Most of them were purchased, however, in the years 1934-1942.

As it has already been said, most of the present texts are concerned with the leather business. It is inevitable, therefore, that these documents contain many words and phrases peculiar to the leather trade. In fact, the unpublished dissertation of the writer called "Terminology of the Leather Industry in Late Sumerian Times" dealt with numerous terms of this technical vocabulary. These terms divided them-

selves into four groups consisting of kinds of hides, skins, and leather, leather technology, leather products, and related words and phrases. While the Third Dynasty of Ur materials, plus some records both earlier than Ur III and later than the First Dynasty of Isin, were utilized in this study, the present volume contains far more texts related to the leather business than do all other published sources combined.

Since the First Dynasty of Isin follows the dispossessed Third Dynasty of Ur immediately in point of time, the Early Isin texts are closely related in form, content, and language to those of the preceding period. Linguistically, these texts show the beginning of a transition from Sumerian to Akkadian as the spoken and written language of private and commercial usage. Observation of this phenomenon, therefore, is quite rewarding in itself.

The first point to be noticed, although the extent of the evidence is not great, is the attachment of the phonetic complement *um* to Sumerian words and ideograms. This, it seems, must be explained as denoting the fact that the word written in Sumerian is to be pronounced in Akkadian. In text No. 384, for example, KUŠ.MÁŠ.NITÁ^{um} may equal *mašak-taššum^{um}* and in No. 312 KUŠ.MÁŠ.NITÁ.DÙG.GAN^{um} might be read *mašak-taššum tukkannum^{um}*. Other similar cases include GIŠ.GU.ZA.ŠU.NIGIN.NITÁ^{um} and GIŠ.GU.ZA.SAL^{um}, No. 440; GIŠ.NÁ^{um}, No. 438; and GIŠ.GU.ZA.MÁ.GAN^{um}, No. 436.

In the second place, there are a substantial number of phonetically written Akkadian words used throughout the Early Isin texts. These Semitic words appear in personal names, date formulae, and in the textual body of the tablets. For names the personal name list provides ample witness. Among the date formulae are such words as *I-ti-il-pá-šu-nu*, *li-bur*, *tá-ra-am*, and *ri-im* found respectively in Ishbi-Erra's years 6, 8 and 9, 11, and 13. In the body of the texts occur such words as *kà-ba-bu-um* 'shield,' Nos. 14, 106, 111, 329-332; *na-aḥ-ba-tum* 'container, quiver,' Nos. 38, 127, 183, 225, etc.; *KU-ša-nu-um* '(leather) cushion,' Nos. 342, 434, 437-440; *du-lu-lum* 'homage,' No. 331; *ták-ši-ru-um* 'repair,' Nos. 376, 377, 434, 437, etc.; *zi-ik-ru-um* 'priestess, devotee,' Nos. 328 and 348; and *nu-us-ḥu-um* 'container,' No. 361.

Third, to Akkadian nouns, which are employed without regard to case, state, or number, Sumerian suffixes are attached. The common suffixes are *-bi* 'its, their,' and *-šè* 'for,' the first being a possessive pronoun and the second a constructional element. These are some of the words with which suffixes appear: *kà-ba-bu-um-šè*, Nos. 14 and 331; *kà-ba-bu-um-bi* and *kà-ba-bu-bi*, No. 329; *na-aḥ-ba-tum-bi-šè*, Nos. 233 and 395; *KU-ša-nu-um-šè*, Nos. 342, 434, 439, and 440; *KU-ša-nu-um-bi*, No. 437; *KU-ša-nu-um-bi-šè*, Nos. 434 and 440; *ták-š[i-ru-um]-šè*, No. 446; *ták-ši-ru-um-bi-šè*, No. 454; *zi-ik-ru-um-šè*, Nos. 328, 341, and 412.

Finally, the basic structure of the texts remains Sumerian throughout. Sumerian verbs and the so-called postpositions of Sumerian are used consistently.

Two conclusions may be drawn from these statements about the language of

the Early Isin documents. First, the use of Akkadian nouns in these late Sumerian texts indicates that many of the people who took part in business transactions spoke Akkadian. Second, the fact that Akkadian verbs or prepositions are almost never used (*a-na-x qí-bí-ma* in No. 475, are the only exceptions) shows that the scribes were reluctant to part with the set patterns of commercial documents which had long been recognized as standard forms. Akkadian nouns could be introduced without interfering with the structure of the fixed Sumerian patterns.

Examination of the personal name list reveals varied ethnic groups. Sumerian and Akkadian names, quite naturally, are predominant. 'Amurrite' names are present in considerable numbers. Other groups may be represented to a very small degree.

A peculiarity of orthography should be mentioned. The sign BA, which is normally made with two slightly diverging wedges at the top and bottom, a horizontal wedge in between, with all three being concluded by a vertical wedge, quite often has an unmistakable vertical wedge at the beginning also. Fossey's *Manuel d'assyriologie, tome deuxième, évolution des cunéiformes*, it is true, gives three examples where there may be an upright wedge at the beginning of BA. These are his Nos. 91, 95, and 100. While the sign indicated in No. 91 is certainly BA in Reisner's copy, it may be seriously questioned whether the wedge which appears to be a vertical at the beginning of the sign is actually a vertical or horizontal. In No. 100, in all probability, the sign involved is really SU instead of BA. Ranke reads the sign as BA in the personal name list of the volume to which Fossey refers. Theo Bauer, however, in his work, *Die Ostkanaanäer*, p. 29, lists what appears to be the same name, although from another text, as *Ia-aq (g,k) -su-r[u-um]*. This leaves the single occurrence No. 95 in Fossey's list as what is probably the only one of the three which is an authentic case of BA with a vertical wedge at the beginning. Cases of BA with an initial vertical occur in BIN IX 76, 357, 359, 375, 380, 388, 396, 418, 419, 421, 424, 467, 500, and possibly in other texts in this volume as well.

The extent of my indebtedness both to Professor Albrecht Goetze and to Professor Ferris J. Stephens cannot be adequately expressed. Each has always been ready and willing to offer the counsel of his wide experience. To Professor Stephens, as Curator of the Yale Babylonian Collection, I am particularly grateful for his utmost courtesy in placing at my disposal every facility under his care. Nor should I fail to mention his tolerance of the endless intrusions which I have imposed upon his time during my years both as a student and as a research fellow.

To the donors of the Alexander Kohut Fellowship I express my warmest appreciation for support which helped me to continue and to bring to completion this volume of texts.

THE CHRONOLOGY OF THE REIGNS OF ISHBI-ERRA AND SHU-ILISHU

The correct sequence of the majority of the date formulae of Ishbi-Erra and of Shu-ilishu, the first two kings of the First Dynasty of Isin, has been established only recently. The first significant advance was the publication in *Sumer* 4 103-113 of "A Date-List of Ishbi-Irra," by Taha Baqir. Although the text presented by Baqir is unfortunately broken, it nevertheless gives the order and identification of twenty-one of Ishbi-Erra's thirty-three years of kingship. The tablet has a small break at the beginning and a greater one at the end. Since this document allots one line to each year name, two or three years may be lacking from the start of Ishbi-Erra's reign. The remaining eight or nine years, of which the verb form is the only recognizable part of the last two formulae preserved, are lacking from the close of the list. Baqir has assigned the consecutive numbers 1-23 to the twenty-one identified years plus the two unidentified at the end of his text. For purposes of ready reference Baqir's numbers have been adopted for use in the "Catalogue" of the present volume. It must be borne in mind, then, that the number given to a formula does not refer to the order of the years of Ishbi-Erra's reign, but rather to the consecutive place of that particular formula in Baqir's list. To determine the precise year to which any formula of Ishbi-Erra belongs, the length of the gap at the beginning of Baqir's text must be ascertained. This cannot be done until additional chronological material from Ishbi-Erra's time has been discovered and published.

The second important contribution was the publication of "The Date Formula of Shu-Ilishu of Isin" by Francis R. Steele in *BASOR* 122 45-49. This list will be considered under the Shu-ilishu section of this discussion.

The lists of Ishbi-Erra, unassigned, and Shu-ilishu date formulae which follow are presented with few exceptions in the most complete forms possible. This means that some of the formulae in the lists do not actually occur on any tablet known to the writer in the exact form given. Nothing has been added to a reconstructed form, however, which does not appear in an existing text.

The numbers 1-21 used by Baqir have been employed in the Ishbi-Erra list, as well as in the "Catalogue." In some examples the formula cited will coincide with that given by Baqir; in others it will be more complete. In a few cases there will be major variants. The unassigned formulae, of course, are not included in any list published so far, and, indeed, only two among them can positively be assigned to any king's

reign. The small gap in Steele's list of Shu-ilishu date formulae will be closed, with the exception of the fourth year, by the formulae in the present volume.

No attempt has been made to present a complete list of variants for each formula, although this has been done in a few instances. The most complete form of any formula has normally been included in the lists. If this formula is not the one ordinarily employed, the most common form, and in a few examples the most abbreviated form, of a formula has been noted under the variants.

Although each individual reference may not be cited, the writer wishes to express his indebtedness to the previous publications especially of Stephens, Böhl, Baqir, and Steele. The references to these articles are given in the bibliography (see below, pp. 23-24). Without them the contributions of the present work to Early Isin chronology would not have been possible.

ISHBI-ERRA DATE FORMULAE

1. *mu nin-dingir* ^d*Nin-urta ba-il* 'Year: The high priestess of Ninurta was elevated (to office)'
BIN IX 331

This one tablet suggests rather clearly that ^d*Nin-urta* should be read instead of Baqir's ^d*Nin-lil*[l]. His copy of the fragmentary line would permit either *lil* or *urta*. It is apparent, however, that these two signs were readily confused even by ancient scribes. Cf. No. 19.

2. *mu uru*^{ki} *Mar-tu ba-hul* 'Year: The Martu city was destroyed'
BIN IX 331, 369, 491, 522
NBC 5651, 6393, 6414, 7136, 7201, 7266, 7599, 8463, 8466, 8475, 8492 (?)
3. *mu ús-sa uru*^{ki} *Mar-tu ba-hul* 'Year: After the Martu city was destroyed'
BIN IX 132, 189, 238, 332, 385, 441, 447, 533
NBC 5688, 7175, 7658, 7670, 8428, 8445, 8454, 8497
4. *mu a-ša gibil-a-ta* IM.ŠA DU-a 'Year: The field was established anew (?)'
BIN IX 38, 48, 386, 492
NBC 6387, 7269, 7457, 7556, 8139

The most usual form, *mu a-ša gibil-a-ta* DU-a, is attested in the works of Stephens and Baqir. The following texts, however, show variants:

BIN IX 492	<i>mu a-ša gibil</i> A.ŠÀ	IM.ŠA DU-a
BIN IX 386	<i>mu a-ša gibil</i>	IM.ŠA DU-a
NBC 7269	<i>mu a[-ša] gibil</i>	IM.Š[A]

From these variants IM.ŠA has been inserted in the present list. The additional A.ŠÀ

of BIN IX 492 has been rejected, rightly or wrongly, as an erroneous repetition on the part of the scribe. IM.ŠA may qualify *a-ša* in some way.

5. *mu nin-dingir* ^d*Iškur ba-il* 'Year: The high priestess of Ishkur was elevated (to office)'

BIN IX 51, 89, 118, 269, 508, 511

NBC 6450, 7062, 7164, 7412, 7505, 7559, 8442

6. *mu* ^d*Iš-bi-Ēr-ra lugal ma-da-na-ke, bād-gal I-ti-il-pá-šu-nu mu-dù* 'Year: Ishbi-Erra, (now) master of his (outlying) lands, built the great fortification, Itil-pashunu'

BIN IX 41, 49, 52, 60, 68, 71, 74, 318, 340, 353, 374, 387, 453, 457,
460, 478, 494

NBC 5669, 7085, 7255, 7558, 7608, 7672

What is probably the complete formula for this particular year, found in BIN IX 52, is quoted above. Only in this document does Ishbi-Erra's name appear; and only in it is he given the title "king of his land" in the formula for this year. The addition of *gal* after *bād* occurs in several of the references quoted.

The writing most commonly used for this formula is *mu bād I-ti-il/til-pá-šu-nu ba-dù*. The use of *ti-il* and *til* is evenly divided.

The most abbreviated form possible, *mu bād I*, occurs in BIN IX 340.

7. *mu en-GAB* ^d*Inanna* ^d*Iš-bi-Ēr-ra máš-e in-pà(d)* 'Year: Ishbi-Erra chose by means of the omens the GAB-high priest of Inanna'

BIN IX 27, 30, 31, 35, 39, 44, 53, 66, 67, 115, 237, 241, 242, 256, 259, 267,
274, 279, 315, 317, 319-321, 330, 333, 335-337, 352, 354, 355, 358, 364,
372, 408, 460, 464, 469, 473, 480

NBC 6358, 6374, 6461, 6476, 6477, 7094, 7135, 7158, 7250, 7527, 7548,
7557, 7643, 8025, 8136, 8443, 8444

For the date formula *mu en-GAB* ^d*Inanna ba-il* in Baqir's list, there is no exact equivalent among the BIN IX texts. The formulae being proposed for this position all have *i/in-pà(d)* for the verb form instead of *ba-il* (see below, p. 19). While most of the formulae mention only *en*, three, BIN IX 35, 319, and 337, have *en-GAB*. Only three of the many BIN IX texts, Nos. 31, 44, and 242, and none of the unpublished NBC tablets, containing this formula include the name of Ishbi-Erra.

BIN IX 460 provides the evidence that the BIN IX formula belongs in this position. It contains two year dates which are with little doubt consecutive: *itu ab-è ud 7 ba-zal mu bād I-ti-il-pá-šu-nu ba-dù-ta itu kin* ^d*Inanna mu en* ^d*Inanna máš-e i-pà(d)[-šè]*. If these two years are not consecutive, one would have to suppose that a long period of time is covered by No. 460 and that our date really belongs to the lacuna at the end of Baqir's list. This is quite improbable.

The customary writing of this formula is *mu en ^dInanna máš-e ì-pà (d)*. This is occasionally shortened to *mu en ^dInanna*.

8. *mu bàd Li-bur-^dIš-bi-Èr-ra ba-dù* 'Year: The fortification, Libur-Ishbi-Erra, was built'

BIN IX 29, 56, 240, 243, 253, 257, 272, 273, 276, 285, 291, 300, 302, 304, 307, 309, 323-325, 327, 360, 427, 458, 477, 496, 497

NBC 5619, 5622, 6361, 6362, 7092, 7109, 7144, 7221, 7486, 7569, 7639, 8489, 8852 (?)

9. *mu ús-sa bàd Li-bur-^dIš-bi-Èr-ra ba-dù* 'Year: After the fortification, Libur-Ishbi-Erra, was built'

BIN IX 34, 43, 152, 186, 231, 262, 277, 283, 284, 316, 326, 389, 426, 438, 484, 525, 527

NBC 5617, 5623, 5624, 6369, 7099, 7156, 7368, 7416, 7456, 7493, 7498, 7572, 8499, 8503

The most abbreviated form of this date is *mu ús-sa bàd Li* in BIN IX 186.

- 10a. *mu ús-sa bàd Li-bur-^dIš-bi-Èr-ra ba-dù mu ús-sa-bi* 'Year: After the fortification, Libur-Ishbi-Erra, was built, year after that'

BIN IX 58, 69, 73, 75, 78, 125, 136, 194, 195, 197, 212, 463, 526

NBC 7098, 7227, 7522

There are several cases in which *mu ús-sa bàd mu ús-sa-bi* serves as a shortened writing of the more complete formula.

- 10b. *mu ^dIš-bi-Èr-ra lugal-e ugnim lú SU.A^{ki} ù Elam bí-in-ra* 'Year: Ishbi-Erra smote the army of the Sua-people and of Elam'

BIN IX 32, 62, 77, 87, 137, 138, 141, 149, 153-157, 159-168, 173, 204, 205, 208-210, 235, 236, 296, 297, 299, 338, 465, 505

NBC 5671, 6446, 7365

This date is ordinarily represented by *mu ^dIš-bi-Èr-ra lugal-e lú SU.A ù Elam bí-ra*. BIN IX 208 reduces the formula to the barest possible minimum: *m[u] Elam bí-ra*. Comparison of this date formula with the one listed by Baqir, namely, *mu ugnim Elam ù lú SU.A^{ki} bí-in-ra*, reveals a different order of elements. This difference, however, has already been discussed by Baqir on the basis of Stephens' No. 1 (NBC 5671).

- 11a. *mu ús-sa ^dIš-bi-Èr-ra lugal-e ugnim lú SU.A^{ki} ù Elam bí-in-ra* 'Year: After Ishbi-Erra smote the army of the Sua-people and of Elam'

BIN IX 170

To produce the formula listed it is necessary to draw upon the forms given under 10b.

Although the occurrences of date formula 11b are seventeen in number, the only

known *mu ús-sa* formula referring to year 11a is provided by BIN IX 170. Among the examples of 11b is one certainly dated as early in the year as the twenty-sixth day of the second month of the Nippur calendar. All seventeen are dated on, or before, the twelfth day of the twelfth month. In spite of these facts, the one instance of 11a (used temporarily for the year which finally came to be known by the name given in 11b) is dated on the first day of the intercalary month. These facts seem to indicate the impossible situation that a tablet was dated by means of the temporary name of the year some eleven months after the permanent name had come into use. A possible explanation is provided by the following hypothesis. The tablet, BIN IX 170, really was written on the first day of the intercalary month in the year 10; and the scribe should have used the date formula 10b. He erroneously prefixed the word *ús-sa* to this formula because at the end of the twelfth month he had expected that the first day of the next month would be the new year. When the first day of the month arrived he was informed that the month was to be an intercalary month, and so indicated it on the tablet; but he allowed his previous inclination to prevail concerning the use of the date formula for a new year. The hypothesis is supported by the fact that year 10 is known to have had an intercalary month (Text Nos. 159, 204), as did also year 12 (Text Nos. 79, 179). It is somewhat improbable that year 11 would also have had an intercalary month.

The dilemma may also possibly be resolved by assigning the intercalary month to the beginning of year 11 instead of to the end of that year. This would make the date presented by 11a earlier than that of 11b. Thus the problem of the use of a *mu ús-sa* formula months after the permanent name for the year had been chosen would be removed. If the intercalary month is considered as belonging to the beginning of year 11, however, the intercalary months for years 10 and 12 must be placed in the same manner. Otherwise year 11 would have an intercalary month both at the beginning and at the end of the year. While it is true that three years in succession do not ordinarily have an intercalary month, it does sometimes happen. In the case of the years Amar-Suena 9 through Shu-Sin 3 there are even four consecutive years having an intercalary month (cf. Nikolaus Schneider, *Die Zeitbestimmungen der Wirtschaftsurkunden von Ur III*, AnOr XIII 78, 85). Although this lack of systematic intercalation creates a serious chronological problem, it must be remembered that "the rule of 7 intercalations in 19 years at fixed intervals" (cf. O. Neugebauer, *The Exact Sciences in Antiquity*, p. 97) was not put into use until about 400 B. C.

11b. *mu bād Eš-tar-tá-ra-am-^dIš-bi-Ēr-ra ba-dū* 'Year: The fortification, Eshtar-taram-Ishbi-Erra, was built'

BIN IX 158, 171, 175, 176, 196, 225, 308, 482, 493, 495, 503

NBC 5630, 5654, 6473, 7070, 7073, 7252

Falkenstein's remarks—ZA 15 (1949) 75-79—concerning the substitution of another formula for the present one in UET II 292 1-3 should be noted.

- 12a. *mu ús-sa bàd Eš̄-tar-tá-ra-am-^dIš-bi-Ēr-ra ba-dù* 'Year: After the fortification, Eshtar-taram-Ishbi-Erra, was built'

BIN IX 54, 305, 343

NBC 5629, 6482

The shortest form, *mu ús-sa bàd Eš̄-tar*, appears in BIN IX 305.

- 12b. *mu ^dIš-bi-Ēr-ra lugal-e ^d/š̄su-nir-gal ^dEn-líl ù ^dNin-urta-ra mu-ne-dím* 'Year: Ishbi-Erra, the king, made the great emblem for Enlil and Ninurta'

BIN IX 13, 70, 79, 179, 288, 292, 348, 503, 504

Stephens was rightly puzzled by the fact that the verb form in his No. 9 (BIN IX 504) was *mu-ne-dím*, when the name of only one deity appeared, *-na-* being the infix for the dative singular and *-ne-* for the plural. The *-ne-*, however, is proper when the formula is unabbreviated as above. The preservation of the *-ra* after *^dNin-urta* makes the formula even more correct grammatically. Baqir rightly suggested that Stephens' No. 9 might correspond to this date.

The most cursory form of this year date is *mu ^dŠu-nir-gal mu-ne-dím* of BIN IX 70.

13. *mu bàd ^dIš-bi-Ēr-ra-ri-im-^dEn-líl ba-dù* 'Year: The fortification, Ishbi-Erra-rim-Enlil, was built'

BIN IX 12, 36, 46, 59, 63, 64, 82, 103, 114, 126, 128, 174, 177, 178, 216, 244, 248-251, 344-347, 350, 351, 356, 357, 361, 362, 382, 384, 397, 398, 403, 404, 410, 422, 430 (?), 432, 434, 443, 455, 474

NBC 5645, 6417, 7459, 7473, 7597

In all of the references listed, with the exception of a few which are abbreviated and contain no verb, the verb is always *ba-dù* and never the *ba-dím* found in Baqir's formula (see below, p. 19).

Various abbreviations are written for this date, but *mu bàd ^dIš-bi* of BIN IX 350 qualifies as the most brief.

- 14a. *mu ús-sa bàd ^dIš-bi-Ēr-ra-ri-im-^dEn-líl ba-dù* 'Year: After the fortification, Ishbi-Erra-rim-Enlil, was built'

BIN IX 6, 455

Since both of these examples lacked *^dEn-líl*, it has been supplied on the basis of the previous formula.

- 14b. *mu ^dIš-bi-Ēr-ra lugal-e ^dNin-me-an-ki ^oš̄su-nir-gal ^dInanna mu-dím* 'Year: Ishbi-Erra, the king, made Ninmeanki, the great emblem of Inanna'

BIN IX 5, 17, 120, 245, 252, 406, 428, 440, 507, 510, 512

NBC 7063, 8435, 8888 (?)

The above form has been reconstructed upon the evidence furnished by BIN IX 245, 406, and 507. Often *⁴Iš-bi-Ēr-ra lugal-e* is omitted. It is once (BIN IX 5) reduced to *mu šu-nir-gal ⁴Inanna ba-dím*.

15. *mu ús-sa ⁴Iš-bi-Ēr-ra lugal-e ⁴Nin-me-an-ki ⁴šū-nir-gal ⁴Inanna mu-dím*
 'Year: After Ishbi-Er-ra, the king, made Ninmeanki, the great emblem of Inanna'

BIN IX 3, 4, 7-10, 14, 33, 83, 86, 383, 390, 401, 412, 424, 435, 439, 448,
 449, 456, 459, 462, 486, 489, 535

NBC 6397, 7121, 7394, 7396

The writing of the formula just presented depends upon the formula given under 14b only for the god determinative before *Nin-me-an-ki*. A more customary representation of this date, however, is *mu ús-sa šu-nir(-gal) ⁴Inanna ba-dím*. Two shortened forms are *mu ús-sa Nin-me-an-ki* found in BIN IX 489 and *mu ús-sa šu-nir ⁴Inanna* in BIN IX 3.

16. *mu Nin-zi-an-na DUMU.SAL-lugal máš-e in-pà (d)* 'Year: He chose by means of the omens Ninzianna, the daughter of the king'

BIN IX 1, 2, 11, 15, 20, 22, 25, 26, 72, 113, 117, 198, 200, 211, 314, 363,
 376, 377, 396, 442, 446, 451, 485, 518

NBC 5638, 6365, 6370, 6424, 6454, 6479, 7043, 7049, 7065, 7077, 7120,
 7122, 7190, 7205, 7417, 7418, 7519, 7568, 7578, 7598, 7609, 8433, 8439

The addition of *DUMU.SAL-lugal* to this formula in BIN IX 211 makes possible a writing for this formula more complete than any published so far. This phrase states that *Nin-zi-an-na* was "the daughter of the king." Probably the same "daughter of the king" is referred to in 435:14. Concerning the choice of the king's daughter as a priestess, see Böhl, *Symbolae Paulo Koschaker Dedicatae*, *Studia et Documenta* II 151-178.

This formula is usually written *mu Nin-zi-an-na máš-e in-pà (d)*. Three times, BIN IX 518, NBC 6370 (already mentioned by Stephens), and NBC 7065, it is abbreviated as *mu Nin-zi*.

- 17a. *mu ús-sa Nin-zi-an-na DUMU.SAL-lugal máš-e in-pà (d)* 'Year: After he chose by means of the omens Ninzianna, the daughter of the king'

BIN IX 185, 532, 534

The *DUMU.SAL-lugal* is taken from the previous formula. An abbreviation, *mu ús-sa Nin-zi*, comparable to those for the preceding formula, occurs in BIN IX 532.

- 17b. *mu nin-dingir ⁴Lugal-Már-da^{ki} ba-íl* 'Year: The high priestess of Lugal-Marda was elevated (to office)'

BIN IX 18, 47, 61, 80, 91, 96, 98, 101, 105, 107, 109, 124, 184, 281, 365,
 378, 394, 402, 468, 471

NBC 7131, 7142, 7178

The determinative *ki* is usually lacking after ^d*Lugal-Már-da*. In addition to Stephens' No. 22 (BIN IX 468), however, the *ki* does appear in BIN IX 365, 394, and NBC 7178.

- 18a. *mu ús-sa nin-dingir* ^d*Lugal-Már-da*^{ki} *ba-il* 'Year: After the high priestess of Lugal-Marda was elevated (to office)'

BIN IX 99

The determinative after ^d*Lugal-Már-da* is taken from the preceding formula.

- 18b. *mu en* ^d*En-líl-lá* *ba-il* 'Year: The high priest of Enlil was elevated (to office)'

BIN IX 50, 90, 92-95, 108, 131, 415, 417, 479

NBC 5632

19. *mu* ^d*Iš-bi-Èr-ra* *lugal-e* ^u*gu-za bára* ^d*Nin-urta-ra*/^d*Nin-líl-lá* *mu-na-dím* 'Year: Ishbi-Erra, the king, made the throne of the sanctuary for Ninurta/Ninlil'

BIN IX 28, 42, 57, 84, 97, 102, 104, 106, 111, 112, 116, 239, 246, 254, 255, 265, 266, 268, 278, 287, 298, 303, 313, 371, 375, 413, 421, 425, 429, 433, 445, 498-501, 506, 524 (?)

NBC 5608, 5649, 6372, 6382, 6447, 7091, 7140, 7197, 7218, 7429, 7534, 7593, 8484

The formula, as given, is based upon evidence supplied by BIN IX 445, 425, 111, and 413. The king's name is usually omitted; in fact, it is found only in BIN IX 413 (Stephens' No. 3), 445, NBC 7197, and 7218.

The orthography of the formula shows vacillation on the part of the ancient scribes. Baqir has suggested that his formula containing ^d*Nin-líl* may be a variant of Stephens' No. 3 which has ^d*Nin-urta*. Baqir had already pointed out that his formula corresponded to Stephens' No. 27 which has ^d*Nin-líl-lá* for the name of the deity. Stephens' Nos. 3 and 27 are, in all probability, variants of one and the same formula. Apparently, there was confusion in the minds of the scribes between ^d*Nin-urta*, which is much more common, and ^d*Nin-líl* (-lá), which occurs less frequently. Due to the similarity of the signs for *líl* and *urta* such an interchange is not difficult to understand. While the majority of the texts have ^d*Nin-urta*, ten do have ^d*Nin-líl-lá*, namely, BIN IX 28, 111, 246, 254, 255, 265, 266, 303, NBC 5608, and 5649. BIN IX 299 and 500 contain simply ^d*Nin-líl*. In four tablets, BIN IX 268, 524, NBC 7140, and 7429, the formula is so abbreviated or mutilated that the name of a deity either does not appear or cannot be determined. There is no conflated form that contains the names of both ^d*Nin-urta* and ^d*Nin-líl* (-lá). The verbal infix, whenever it occurs in this formula, is always the -na- of the dative singular and never the -ne- of the dative plural (cf. No. 12b above).

Two possible variants of this date formula must be mentioned. The first, *mu^{is}gu-za* *^dNanna* (!) *^dNin-u[rta]/[lil]* *ba-dím*, is found in BIN IX 499. Here the scribe has either written *^dNanna* erroneously where *bára* usually appears or the formula is entirely separate from the one under discussion. The second, *mu urudu^ugu-za* *ba-dím*, occurs in BIN IX 524. The usual determinative for *gu-za* is *giš*, 'wood'; *urudu*, 'copper,' is also a possibility, especially if the *gu-za* is for a divine personage. In ten of the references cited for this formula no determinative at all is written before *gu-za*.

Another detail should be noticed. When the subject is unexpressed in any date formula, the passive prefix *ba-* is normally used with the verb. In a number of the formulae already discussed, and particularly in this one, the active prefix *mu-* is used with the verb even when the subject is not written. Examples of this use of *mu-* in this formula may be observed in BIN IX 42, 57, 97, 104, 112, 425, 429, 433, 501, and NBC 7593.

- 20a. *mu ús-sa* *^dIš-bi-Ēr-ra* *lugal-e* *^{is}gu-za* *bára* *^dNin-urta-ra/^dNin-lil-lá* *mu-na-dím* 'Year: After Ishbi-Erra, the king, made the throne of the sanctuary for Ninurta/Ninlil'
BIN IX 270

Since the single example is abbreviated to *mu ús-sa* *^{is}gu-za* *bára*, the more complete form given depends upon date formula No. 19 for the additional elements.

- 20b. *mu Elam šà* *Urí^{ki}-ma* *durun-a* *ba-díb* 'Year: The Elamite who was dwelling in the midst of Ur was captured'
BIN IX 40, 65, 123, 271, 275, 290, 301, 359, 393

Three abbreviated formulae may be variants either of this, or of unassigned formula E which is to be considered below. In certain shortened forms only the verb can distinguish between the two. Indeed, if verbal roots which are synonymous in meaning are interchangeable between the passive with *ba-* and the active with the *i-* prefix, this formula and the one for year E might possibly be the same. The interchange between *ba-il* of Baqir's seventh year and the *i/in-pà* (*d*) of year seven of the BIN IX texts suggests such a possibility. In these three formulae the verb has been omitted:

- BIN IX 40 *mu Elam šà* *Urí^{ki}-ma*
275 *mu Elam* *Urí^{ki}-ma*
301 *mu [Ela]m (?) [šà.šēš] šà šēš<.AB>^{ki}-ma* *durun-a*

In addition to the confused writing of BIN IX 301, the scribe has omitted the *šēš* part of the ideogram *šēš.AB.KI* (*Urí^{ki}*) in BIN IX 65.

This formula is a little less abbreviated than Baqir's No. 20. The *šà . . . durun-a* elements represent the increase.

21. *mu ús-sa Elam šà Urí^{ki}-ma durun-a ba-dīb* 'Year: After the Elamite who was dwelling in the midst of Ur was captured'
 BIN IX 119, 146, 322, 391, 407, 409, 411, 414
 NBC 8441

While this date formula is usually written *mu ús-sa Elam Urí^{ki}-ma ba-dīb*, BIN IX 391 does contain the *šà* of the form presented above. The addition of *durun-a*, however, is based upon formula No. 20. BIN IX 409 is so mutilated that it may belong here or under year E below.

UNASSIGNED DATE FORMULAE

Since only the verb form is preserved with any certainty in Baqir's Nos. 22 and 23, these particular years cannot yet be identified. This brings our attention, therefore, to the unassigned date formula in this volume. Some of these may belong to the small break at the beginning of Baqir's list, perhaps from one to three years, and others to the larger lacuna at the end of the tablet which may have contained from nine to eleven years. This calculation is designed to fill out Ishbi-Erra's complete reign of thirty-three years.

The unassigned years are twelve in number. Of these one is a *mu ús-sa* formula which, in all probability, served only as an interim name for a certain year. This leaves eleven of the twelve years which are necessary to finish Ishbi-Erra's reign, but the filling of the gap is not so simple as the number of formulae would indicate. As will be shown, five of this number occur only once, and it is quite likely that some of these do not belong to Ishbi-Erra's reign at all.

An attempt has been made to show which of the unassigned Ishbi-Erra date formulae belong to the gap at the beginning of Baqir's list and which to the break at the end. The method of procedure was to list all the personal names occurring in the unassigned years and to put down the identified years in which these names appear in all other BIN IX texts. Unfortunately, however, there are only a few individuals whose names occur very many times and these are indecisive. The following examples may be given:

1. *Lú^aInanna* (47 occurrences) is found in I(shbi-Erra) 1-7, 9-10, 15-17; years E, G, I. 1 or year G, year H; seals A and J; Sh (ū-ilishu) 1.
2. *Šu-Eš₃-tar* (70 times) I. 2-10, 13-20; year E, I. 1 or year G, year J; Sh. 1-2.
3. *Šu^aNin-kar-ak* and its variants (127 times) I. 3-19; years A and B.
4. *^aNanna-ki-ág* (140 times) I. 4-21; years A, D, E, H, L; seal K; Sh. 2-3.

Since their names occur steadily throughout an extended period of years, it seems

probable that *Lú-^dInanna*, *Šu-Eš₁-tar*, *Šu-^dNin-kar-ak*, and *^dNanna-ki-ág* are only four individuals and not many people who happened to have the same names. When the occurrences of a personal name are sporadic over an extended time, however, there is less probability that only one person, and not several of the same name, is actually indicated. As it can be seen from looking at the years in which these four names occur, each is found in years which come so near both to the beginning and the end of Baqir's list that it may be only an accident that the names do not appear in years both at the very beginning and at the very end of his list. For this reason any assistance gained from the occurrences of personal names must come from less frequent names which appear only in the early or only in the late years recorded in Baqir's list.

An examination of the frequency of the occurrences of the individual years in Baqir's list both in BIN IX and the related unpublished NBC texts reveals no steady curve of rising and of gradual falling. After a rather slow start during years 1-6, the graph suddenly rockets to its highest point in year 7. This zenith is followed by alternate rising and falling with the low points coming in years 9, 12, 14, 18, and 20 and the peaks in years 10, 13, 16, and 19. This does not suggest a single large archive embracing the whole of the "leather" texts, but rather a series of small archives. Indeed, it seems that a temple economy rather than private enterprise is represented; if so, the temple economy is simply continued from the Third Dynasty of Ur. The archive, if it may be called such, of *Šu-^dNin-kar-ak* seems to bear out the truth of this statement. Sixty-one times he is represented as the subject of *šu-ba(-an)-ti*. Sixty-three times he is involved in the *ki-x-ta* clause. This appears to present both sides of his relationship with the temple storehouse. First, he received (*šu-ba-an-ti*) principally hides/skins or leather from the warehouse. Second, he was given credit (*ki-x-ta*) for finished products turned back into the storehouse.

The unassigned dates, that is dates whose correct relative positions are not shown in Baqir's publication, appear in the following list. Two of these most certainly belong to Ishbi-Erra's reign because his name is given in the formulae. The second of these two, however, is a *mu ús-sa* of the first. The evidence from the study of the personal names suggests very strongly that still others also belong to Ishbi-Erra's time. A few of the unassigned dates, however, cannot be attached even with probability to the reign of any particular king.

A. *mu bàd-gal Ī-si-in-na^{ki}(!)* *mu-dù* 'Year: He built the great fortification of Isin'
BIN IX 85

The names of two of the people in this text are the familiar and well known *Šu-^dNin-kar-ak* and *^dNanna-ki-ág* with the former occurring in tablets dated I. 3-19 and years A and B, and the latter appearing in I. 4-21; years A, D, E, H, L; Sh. 2-3; and seal K. The quite common name *^dAdad-ra-bi*, although it is probably to be applied to more than one individual, occurs in I. 2, 14; years A, G, and I. 1 or year G.

The name of *Tá-ku-um-ma-tum* appears only here. On the basis of the years in which these names occur, little can be said about the position of this formula in the breaks at the beginning or end of Baqir's list.

That it is an Ishbi-Erra (or possibly Shu-ilishu) date the names of *Šu-^aNin-kar-ak* and *^aNanna-ki-ág* make quite probable. It may be either a different formula from any of those expressed in Baqir's list or an unknown variant of one of them. It has a striking resemblance to Sh. 6 (cf. Steele, *BASOR* 122 49). If it is to be associated with Sh. 6, however, it is the only Shu-ilishu date in BIN IX which is later than Sh. 3.

B. *mu ^uá ná ^aInanna ba-dím* 'Year: The bed of Inanna was made'

BIN IX 502

NBC 5631, 6386, 6422, 6436, 7078, 7571, 8486

Of the unassigned dates available, this is the only one which by virtue of its verb form, *ba-dím*, could possibly fit into the mutilated formula designated by Baqir as No. 22. Of No. 22 only the verb *ba-dím* and parts of two previous signs are preserved. If Baqir's copy is correct, however, the two signs before the verb cannot possibly be those belonging to this particular form of year B. Furthermore, while Baqir's No. 23 on the basis of its verb form may have been a *mu ús-sa* of No. 22, no *mu ús-sa* formula of year B has been found so far.

Of the eight texts having this date formula, only one, BIN IX 502, has any proper names which are familiar from other texts in the volume. One of these, *Šu-^aNin-kar-ak* (I. 3-19; years A and B), is well known. The other, *Ur-^aŠu-bu-la* (I. 4, 6-8, 19; year B and seal F), occurs only eight times in the BIN IX texts. These two names give little evidence as to whether formula B belongs before or after Baqir's list. The name of *Šu-^aNin-kar-ak*, however, would tend to indicate that this is an Ishbi-Erra year date. Stephens lists this formula as his No. 28 (NBC 5631).

C. *mu nin-dingir ^aLugal-ér-ra ba-il* 'Year: The high priestess of Lugal-erra was elevated (to office)'

BIN IX 151, 192, 509

NBC 6467

While it is probably accidental, it is unusual that there are only four occurrences of this formula when there are thirty-seven of the corresponding *mu ús-sa* date.

It may be, as Stephens suggests under his No. 36, that this formula is the same as one published by Scheil in *RA* 23 44: *mu nin-dingir ^aLugal-gir (= ir_o)-ra maš-e in-pad*. Cf. the remarks of both Stephens and Scheil. Stephens, however, had only the *mu ús-sa* formula of this particular year.

Of the four tablets containing this date formula, only one, BIN IX 151, has any proper names. The name *^aIš-bi-Ēr-ra-li-si-in* occurs only in this text; *^aIš-bi-Ēr-ra-mi-gir-^aEn-líl* only in this document and year D (which is the *mu ús-sa* of this formula);

^d*Iš-bi-Ēr-ra-nu-úr<-ma>-ti-šu* appears also in I. 16 and 18. These years, I. 16 and 18, may indicate that this date belongs after the end of Baqir's list.

Since one of the personal names, ^d*Iš-bi-Ēr-ra-nu-úr<-ma>-ti-šu*, occurs only here and in the 16th and 18th years of Ishbi-Erra and since all three names contain Ishbi-Erra as one element, this formula very probably belongs to Ishbi-Erra's reign.

D. *mu ús-sa nin-dingir* ^d*Lugal-ér-ra ba-íl* 'Year: After the high priestess of Lugal-erra was elevated (to office)'

BIN IX 37, 129, 187, 193, 199, 206, 219, 224, 226-228, 311, 339, 349, 367,
470, 472, 490, 528-531

NBC 6377, 7110, 7118, 7187, 7234, 7452, 7468, 7471, 7480, 7602, 7621,
7624, 7629, 7659, 8414

This formula was first published by Stephens as his No. 36 (BIN IX 199) under formulae probably belonging to the Isin Dynasty. Since many personal names occur in the thirty-seven references listed (although some of the tablets have no names of individuals), no detailed analysis will be given here. It seems probable, however, from the personal names involved that this formula belongs to Ishbi-Erra and that it comes somewhere after the conclusion of Baqir's list.

The abbreviation, *mu ús-sa nin* ^d*Lugal A*, found in BIN IX 531, is worthy of notice.

E. *mu* ^d*Iš-bi-Ēr-ra lugal-e Elam šà Urí^{ki}-ma-ka durun-a* ^{is}*tukul kala-ga-ni-ta im-ta-e*₁₁ 'Year: Ishbi-Erra, the king, brought down by his mighty weapon the Elamite who was dwelling in the midst of Ur'

BIN IX 81, 100, 282, 370, 373, 395, 399, 400

This formula was discussed in detail in *JCS* 2 (1948) 13-19. Since the article was written, however, the date lists of Baqir in *Sumer* 4 (September 1948) 103-113 and of Steele in *BASOR* 122 (April 1951) 45-49, establishing the order of many of the years of the first two Early Isin kings, and important articles by Falkenstein in *ZA* 15 (1949) 75-79 and Jacobsen in *JCS* 7 (1953) 36-47 have been published.

Since Ishbi-Erra's name appears in three of the eight occurrences of the formula, it is established as an Ishbi-Erra date. Stephens gave a variant without Ishbi-Erra's name in his No. 25 (BIN IX 100). A study of the numerous personal names leaves no doubt in the assertion that the formula must assume its place with others after the close of Baqir's list. It is quite significant to note, therefore, that Ishbi-Erra was fighting Elam well past the twentieth year of his reign, a fact which was also pointed out by Baqir's Nos. 20 and 21. Cf. No. 20b, where it was suggested that year E and No. 20b might possibly be one and the same date formula. Some abbreviated formulae given under No. 20b, namely, BIN IX 40, 275, and 301, may belong here.

- F. *mu ús-sa* ^d*Iš-bi-Ēr-ra* *lugal-e Elam šà Urí^{ki}-ma-ka durun-a* ^{vi}*tukul kala-ga-ni-ta im-ta-e*₁₁ 'Year: After Ishbi-Erra, the king, brought down by his mighty weapon the Elamite who was dwelling in the midst of Ur'
BIN IX 370

This text contains the date for year E as well as this formula which served as a temporary designation for year F. Since this is the only occurrence of a *mu ús-sa* formula based on year E, year F may soon have assumed a permanent name for itself. The completeness of formula F in our list depends upon formula E.

- G. *mu nin* ^d*Nin-urta ba-ḥun* 'Year: The priestess of Ninurta was installed'

BIN IX 110, 130, 516 (AG instead of *ḥun*?)

NBC 5643, 6442, 7183, 7203, 7217, 7454, 7463, 7475, 7483, 7484, 7653, 8478

mu nin ^d*Nin-urta ba*

BIN IX 513, 514, 515 (KI instead of *ba*?)

NBC 7388, 8946

mu nin ^d*Nin-urta*

NBC 6390 (?), 7177

Stephens has mentioned this formula as his No. 14 (BIN IX 110). He then believed it to be a variant of a formula belonging to Ishme-Dagan. Since, however, it has been learned that in all probability the formula belongs to Ishbi-Erra. The personal names in the texts listed are very common in other Ishbi-Erra documents. In fact, a detailed study of the names tends to indicate that this formula ought to come at the beginning of Baqir's list and not after it, as seems to be the case with the other unassigned formulae. This statement is based on the fact that a number of the personal names concerned occur only in the early and not in the late years of Ishbi-Erra. The striking resemblance between the formula and Baqir's No. 1 may be significant. Indeed, it is not impossible that this formula might be a variant of No. 1 in Baqir's list. Under No. 1, it is true, the verb form was *ba-íl* while this formula has *ba-ḥun*. These two verbal roots, however, are very similar in meaning. Whether a priestess "is elevated (*ba-íl*)" or "is installed (*ba-ḥun*)" makes only a small difference. It must be remembered in relation to any possible interchange between the roots *íl* and *ḥun* that the single BIN IX example of Baqir's No. 1, *i. e.*, BIN IX 331, had *íl* as its verbal root also. In Ishbi-Erra formulae Nos. 7 and 13 Baqir's list always contained one root while BIN IX uniformly had another. It was *íl* versus *pà(d)* in No. 7 and *dím* versus *dù* in No. 13. The whole solution to the problem may lie in the provenience of the individual tablets concerned. Scribes in one area of Ishbi-Erra's realm may have written the same formula in a slightly different way from those in another part.

H. *mu nin-dingir* ^d*Nin-gi-li-in* *ba-il* 'Year: The high priestess of Ningilin was elevated (to office)'

BIN IX 19, 21, 23, 24

This formula was first published and discussed by Stephens as his No. 21 (BIN IX 19). He listed it as probably belonging to the Isin Dynasty.

In the four texts in which it occurs the names of only five different individuals appear, although some of these five names are found several times. Two of them are the very familiar *Lú-dInanna* and ^d*Nanna-ki-ág*. The three others, *Kù-dNanna*, *Šu-dŠamaš* and *Šu-Ma-mi-tum* are lesser characters. These familiar names make it almost certain that this formula belongs to Ishbi-Erra. Four of the names, according to the years in which they occur, could conceivably belong to either the beginning or the end of Baqir's list. The fifth, however, namely, *Šu-Ma-mi-tum*, occurs only in I. 15, 17-19 and year H. This, therefore, offers some evidence for placing this formula at the end of Baqir's list.

I. *mu Ak-tab*^{ki} *ba-hul* 'Year: Aktab was destroyed'

BIN IX 127

Stephens published this formula as No. 30 in his list. For the change in the reading of the name of the city on the basis of later material, see Poebel, *JAOS* 57 359-367.

This text contains only one personal name, to wit, *Nu-úr-É-a*, a very common name. It (and several different persons may be involved) occurs in I. 2-5, year G, I. 1 or year G, and years I and J. Nothing can be said, therefore, as to whether this name should assume its place before or after Baqir's list. In fact, the month name on the tablet, *itu dir ezen me-ki-gál* (month 11a in the Drehem calendar), sets this text apart as one of two (the other is a *mu ús-sa* of this very formula) in all of the BIN IX texts which does not use the Nippur calendar. This may mean one of two things in regard to the present date. First, it does not belong to the Ishbi-Erra dates because they employ the Nippur calendar. Second, the tablets containing it come from a site under Ishbi-Erra's domination which did not use the Nippur calendar.

The subject matter of the tablets, that is of years I and J, shows that they belong among the "leather" texts. More examples of this formula are needed, however, before any valid conclusion can be reached as to whether or not this is an Ishbi-Erra year date.

J. *mu ús-sa Ak-tab*^{ki} *ba-hul* 'Year: After Aktab was destroyed'

BIN IX 145

This formula first appeared as Stephens' No. 31. No other examples of this or the previous formula have been found since. Six personal names occur in this text. If one supposes both that these six names refer to only six individuals throughout the

whole of the BIN IX documents and that this is an Ishbi-Erra year date (and there is no certainty about either of these assumptions), five of the names give little indication as to whether this date should belong before or after Baqir's list. The sixth name, *Lú-dNanna*, appears only twice. Once it is found in this text and the second time in another, dated I. 19. These two occurrences, however, may not refer to the same individual.

This formula, as was stated under year I, appears on a tablet which also uses the Drehem calendar, the month being *itu šu eš-ša* (Drehem 8). The two tablets dated in the years I and J are the only two in BIN IX employing this calendar. All other texts having a month name use the Nippur calendar. To whose reign do these formulae belong? Only more tablets can give the answer.

K. *mu Uri^{ki} ki-dúr ba-ne-x-en* 'Year: In Ur a dwelling place was established (?) for them'

BIN IX 523

The only personal name in this single text is *Lú-dAmar-dSuena*. BIN IX texts contain occurrences of this name in I. 19 and year E besides the present formula. Probably a name containing the element *dAmar-dSuena* refers to Amar-Suena of the Third Dynasty of Ur rather than to the much later Bur-Sin of the First Dynasty of Isin. If it refers to the former, and the orthography indicates that it should, this tablet may well be dated in the reign of some earlier king than Ishbi-Erra. One of the problems is how the next to the last sign in the formula should be read. Is it *šum* (?), *gi* (?) or what?

So far no reasonable likeness to this date has been found. A very faint resemblance is contained in Legrain, UET III 50 and 826 (Plates). This formula is provisionally listed by Legrain as Ibbi-Sin 21 on p. 278 in UET III (Indexes, etc.).

L. *mu gu-za dNanna* [NI] *R gal* [?] 'Year: The throne of Nanna . . .'

BIN IX 263

This fragmentary formula suggests No. 19 in Baqir's list, because that is the only other date discussed, except the *mu ús-sa* of the same formula in 20a, which contains *gu-za*. Any likeness seems to end there, however, and there is little possibility that the two formulae are the same. The poor state of preservation of the text in which this formula occurs may be quite misleading for its proper identification.

SHU-ILISHU DATE FORMULAE

Except for three fragmentary formulae for years two through four, the completion of the date list of Shu-ilishu was made possible both in content and sequence by Steele's article in *BASOR* 122 (April 1951). Unlike Baqir's Ishbi-Erra date list,

which was broken both at the beginning and the end, the Shu-ilishu document gives the proper chronological position for each formula which it contains instead of the relative place only, as was the case with the Ishbi-Erra dates.

The BIN IX texts come to an abrupt halt after the third year of Shu-ilishu. The one possible exception to this statement is year A which was discussed above. It may be a variant of the sixth year of Shu-ilishu.

1. *mu dŠu-ì-lí-šu lugal-am* 'Year: Shu-ilishu became king'
BIN IX 260 (Stephens' No. 10)

Variants:

mu dŠu-ì-lí-šu BIN IX 182, 191, 201, 202

mu dŠu-ì-lí-šu lugal NBC 7213, 7362, 7391

mu dŠu-ì-lí-šu lugal-e BIN IX 203, 229, 264, 289, 310, 341, 416, 418,
452 (?), 467

NBC 7366, 7535, 8425

2. *mu dŠu-ì-lí-šu lugal-e oššū-nir-gal dNanna mu-na-dím* 'Year: Shu-ilishu, the king, made the great emblem for Nanna'
BIN IX 517 (plus *-gal* from texts listed below)

Variants:

mu oššū-nir dNanna BIN IX 215

mu dŠu-ì-lí-šu [lu]gal-e oššū-nir dNA (!) BIN IX 368

mu dŠu-ì-lí-šu lugal šu-nir dNanna BIN IX 521

mu dŠu-ì-lí-šu lugal-e oššū-nir dNanna BIN IX 405, 230

mu dŠu-ì-lí-šu lugal-e oššū-nir dNanna mu-dím BIN IX 286; NBC 7233

mu dŠu-ì-lí-šu lugal-e oššū-nir-gal dNanna mu-dím BIN IX 328;

NBC 7577

This date formula and its variants show that the traces in Steele's copy in *BASOR* 122, p. 47, Col. I 12 should actually be [AN].ŠEŠ.KI, that is, *dNanna*. This seems to be sufficient evidence to cite this formula as Sh. 2. Steele's Note 12 on p. 48 in *BASOR* 122 actually refers to this year and not to Sh. 3. The broken NBC 5665 (BIN IX 230), which Stephens first published and which was later included in *RLA* in the place which Steele cites, is clearly Sh. 2 when one has the advantage of knowing what to expect.

- 3a. *mu ús-sa dŠu-ì-lí-šu lugal-e oššū-nir-gal dNanna mu-na-dím* 'Year: After Shu-ilishu, the king, made the great emblem for Nanna'
BIN IX 419 (plus *-gal* and *-na-* from the preceding formula)

This tablet is dated on the thirteenth day of the first month of the Nippur calendar. Another text, BIN IX 379, dated on the ninth day of the first month

already had the permanent name for Sh. 3, that is the formula given in 3b immediately below.

- 3b. *mu* ^d*Šu-i-lí-šu lugal-e nin* ^d*Nin-urta mu-un-il* 'Year: Shu-ilishu, the king, elevated (to office) the priestess of Ninurta'

BIN IX 520

Variants:

mu ^d*Šu-i-lí-šu lugal nin* ^d*Nin-urta* BIN IX 519

mu ^d*Šu-i-lí-šu lugal-e nin* ^d*Nin-urta* BIN IX 380

mu ^d*Šu-i-lí-šu lugal-e nin* ^d*Nin* < . . > *mu-il* BIN IX 221

mu ^d*Šu-i-lí-šu lugal nin* ^d*Nin-urta mu-il* BIN IX 366

mu ^d*Šu-i-lí-šu lugal-e nin* ^d*Nin-urta mu-il*

BIN IX 16, 121, 122, 220, 222, 232, 234, 293, 379, 381, 388, 423, 444

NBC 7404, 7664

According to the verb form, *mu* (-un) -il, Sh. 3 is the only point in Steele's list where this formula can be placed. The year date for Sh. 4 is also fragmentary, but the verb form *mu-dím* is found in Steele's copy. It is assured, therefore, that this formula is the permanent name for Sh. 3.

Sh. 4 still cannot be completed due both to the fragmentary nature of this particular formula in Steele's list and to the abrupt halt of the BIN IX texts at this point. Beginning with Sh. 5, however, Steele's list of Shu-ilishu's year dates is complete, with the possible exception of year 10.

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Ferris J. Stephens, "New Date Formulae of the Isin Dynasty," *RA* 33 (1936) 11-26.

Arthur Ungnad, "Datenlisten," *RLA*, herausgegeben von Erich Ebeling und Bruno Meissner, II, 138, 147-148, 194-195, 256-257.

INDICES

PERSONAL NAMES

The following abbreviations are used: d., daughter of; f., father of; h., husband of; s., son of; w., wife of; (fem.), names of women.

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1. ašgab, gîr, 266:7

2. ašgab, 250:2; 508:8; 513:7; 514:6; 522:7; 533:13

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2. f. I-pí-ig-Eš₄-tár gîr, 411:4

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2. maškim, 262:6; 308:2*; 324:23

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2. maškim, 199:11

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Šu-dSin-a[-a]-bi, gir, i-du₈, 346:7

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2. gir, 411:8

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Tallqvist lists ^dAl-la and ^dAl-la-mu as two separate deities in StOr VII 259, it may be argued that the MU represents the profession, that *Ur-dAl-la* is a defective writing of the more complete name, or that the two names are entirely different.)

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Ur-dLi₄-si₄, Ur-d(Li₄)-si₄-na*, Ur-dLisi**, nagar, 492:1 (?); 497:4 (might possibly be read as *Ur-dGil₄-ga-meš*); 508:1; 514:1*; 515:1*; 522:1*; 527:1*; 533:1**

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1. ašgab, iš, 515:9
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3. kišib, ša-tam, 453:11
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1. gir, gudu(g), 377:6; 395:8; 396:8; 399:15
2. kišib, ša-tam, 453:11
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1. dub-[sar], s. Ī-lí-ma-[lik], seal T (?)
2. 37:22

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1. gir, 401:12; 402:3
2. šabra, 520:3
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^dAdad, in the names ^dAdad-, Ib-ni-, Na-ra-am-, Nu-úr-, Šu-

^dAl-la, in the name Ur-

^dAl-la-mu, in the name Ur-

^dAmar-^dSuena, in the names Dan-, Lú-Anum, in the name ^dIš-bi-Ēr-ra-i-ni-ib-Anim^{ni-im}

^dAsnan, in the name Ur-

^dBa-ba₆, in the names Lú-, Ur-

^dDa-gan, 3:2; 258:4; 307:12; 309:5; 326:13; 395:11; 439:20; 443:5; 451:15; in the names I-dí-, Ša-at-

^dDa-mu, 27:5; 30:9; 237:3; 347:7; 471:4; in the names ^dIš-bi-Ēr-ra-, Lú-

É-a, in the names A-mur-, É-a-, En-um-, Iš-me-, Nu-úr-, Púzur-, Šu-

El, in the names Ab-de₄-, A-bi-ad/ze-, Da-ni-iš-me- (?), Da-tum-pi₅-, I-da-pi₅-, LU.BU-, Mi-il-ki-lí- (?), [x (?)]-x-iš-ni- (?)

^dEn-ki, 331:3; 448:14; 449:1, 14; 471:3; in the name Lú-

^dEn-líl, 105:5; 184:6; 198:11; 246:8; 254:4; 255:6; 304:3; 344:3; 345:3; 359:2; 365:6; 376:5; 377:5; 395:6; 396:6; 399:13; 402:6; 429:14; 441:14; seal E; in the names ^dEn-líl-, Inim-, ^dIš-bi-Ēr-ra-mi-gir-, ^dIš-bi-Ēr-ra-na-ra-am-, Púzur-; date formulae I. 12b, 13, 18b

Ēr-ra, in the names Ēr-ra-, Iš-bi-, Ku-ru-ub-, Šu-, Warad-

Eš₄-tar, in the names Eš₄-tar-, I-pí-iq-, Nu-

úr-, Púzur-, Ši-li-, Šu-; date formulae I. 11b, 12a

^dGil₄-ga-meš, in the name Ur-

^dIlabrat, in the name Šu-

^dInanna, 172:4; 228:2; 331:5; 387:7; 445:2; in the names ^dInanna-, Lú-; date formulae I. 7, 15; B

^dIš-bi-Ēr-ra, in the names ^dIš-bi-Ēr-ra-, Púzur-

^dIškur, in the name Lú-; date formula I. 5

Kà-kà, in the names ^dIš-bi-Ēr-ra-na-ra-am-, Šu-

Ki-nu-na, in the name Šu-

Ku-bu-um, in the name Šu-

^dLi₄-si₄, ^d<Li₄>si₄-na, ^dLisi, in the name Ur-

^dLugal-bàn-da, ^dLugal-bànda, Lugal-^dbàn-d[a], in the name Ur-

^dLugal-ér-ra, 201:7; date formulae C, D

^dLugal-Már-da, 426:28; 532:8; date formulae I. 17b, 18a

Lu-lu, in the names I-pí-iq-, Lu-lu-, Šu-

Ma-ma, in the name Šu-

Ma-mi-tum, in the name Šu-

^dMar-tu, in the names Awil-, I-dí-

Mès, in the name Ur-

^dNanna, 28:6; 181:4; 470:8; in the names Kù-, Lú-, ^dNanna-, Ur-, Warad-; date formulae L, Sh. 2, 3a

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^dNè-iri-gal A-pi₅-aka^{ki}, 453:5, 6

^dNè-iri-gal Ī-si-in-na, 84:3

^dNè-UNU to be read ^dNè-iri<-gal>/^dNè-urugál (?), 331:6

^dNe-wi-ri-da, in the name Šu-

^dNin-gal, 28:6; 181:4; 182:7; 201:4; 202:3;
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^dNin-gi₄-lí-in, ^dNin-gi₅-lí-in*, date formula
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^dNin-kar-ak, ^dNin-kar-ra-ak, in the name
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^dNin-líl, 181:2; date formula I. 19
^dNin-mug, in the names Šu-, Ur-
^dNin-si₄-an-na, in the name Ur-
^dNin-sún, in the name Ur-
^dNin-šár-nun-na, 433:25
^dNin-šubur, in the name Lú-
^dNin-urta, 216:4; in the name Ur-; date
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^dNisaba, in the names Šu-, Ur-

^dNu-muš-da, in the name Šu-
^dPa-bil-sag, 380:9
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CATALOGUE

REGISTER AND DESCRIPTION OF THE TEXTS

A statement concerning this register is necessary to explain its contents and the methods used in its compilation.

Under "Reign" the "I." is an abbreviation for Ishbi-Erra and the "Sh." stands for Shu-ilishu.

Under "Year" the numbers which pertain to Ishbi-Erra refer to those in the date list published by Taha Baqir in *Sumer* 4 (1948) 103-113 and not to the correct enumeration of the years within his reign. A more detailed discussion of this point and of the unassigned years designated by the capital letters A-L may be found in the section on "The Chronology of the Reigns of Ishbi-Erra and Shu-ilishu." The numbers indicating the years of the reign of Shu-ilishu, however, are correct, because the exact order of all the years of his kingship is now known.

The Nippur calendar is used to designate the months almost entirely throughout the texts in this volume. Texts Nos. 127 and 145, employing the Drehem calendar, constitute the only exceptions.

The column headed "Subject Matter" sets forth only the principal subject or subjects in each text. It does not present an exhaustive list of subjects, both because of space limitation and also because the texts, in many places, are only partially understood.

The term "hide," unless otherwise stated, pertains to the outer covering of a *gud* 'ox.' In a similar manner "skin" applies to the outer covering of an *udu* 'sheep,' *maš/māš* 'goat,' the lambs, kids, or females of the same. The *kuš gud* and *kuš maš/māš* may be qualified in respect to size, age, sex of the animal of origin, or according to the means of tanning or processing.

If a "hide" or "skin" has been tanned or processed, it is then considered as "leather." Since the terminology of the ancient leather trade, however, is still inadequately understood, the decision in this catalogue to distinguish between "hide" or "skin" and "leather" is often quite arbitrary. As a rule "hides" or "skins" qualified only as to the size, age, or sex of the animal or origin have been designated merely as "hides" or "skins." In cases where other attributive adjectives are used "hides" or "skins" have usually been considered as processed and hence are called "leather."

"Hides" and "skins" listed in the catalogue will be assumed to have hair, although it is not specifically stated. Those labelled "hairy hides or skins" have been so designated because of the adjective *síg-sar* which seems to mean 'fresh' and therefore 'hides or skins still having the hair.' "Dehaired hides or skins" have been so called because of the phrases *kuš-A.GAR-kú-a* and *kuš-A.GAR-nag-a* which seem to indicate a means of removing hair from hides or skins.

Behind the translation "bag" the chief terms are *kuš*^{A.EDIN.LAL}, *kuš*^{dùg-gan}, and *dugšagan*. Behind "container" the principal words are *na-aḥ-ba-tum* and *pisan*. The only purpose in distinguishing between "bag" and "container" is to help show that the original language has different terms to apply to objects made to contain various types of materials. "Bags" and "containers" are made of leather unless otherwise specified. When a container is listed as a "leather container" in the catalogue, it is contrasted with containers made of other materials, such as, "reed" or "wood."

"Gypsum" is employed to translate *im-UD.UD*.

The texts in the volume have been arranged not according to subject matter but rather according to patterns. This term is best explained by the information listed under the column called "Key Words." There official functions, such as, *gír*, *kišib*, and *maškim*, postpositional phrases, verb forms, and other key words have been included. These are the words and phrases which determine the framework, form, or type of a text. The various patterns which evolved have been grouped together whenever it was possible. It is inevitable that texts with similar forms often have like subject matter. For this reason the tablets may appear to be arranged, at least in part, according to subject matter also. The column of "Key Words" contains only one entry under any text of any single pertinent word or phrase, in spite of the fact that some of these may occur several times within the text.

Text	NBC	Reign	Year	Month	Subject Matter	Key Words
1	6452	I.	16	3	Hides and skins	ki-x-ta, gab-ri, kišib
2	6470	I.	16	4	Hide and skins	ki-x, gab-ri, [kišib]
3	6408	I.	15	6	Dehaired and hairy hides	ki-x-ta, gab-ri, kišib
4	7080	I.	15	13	Hairy hides	ki-x-ta, gab-ri, kišib
5	5679	I.	14b	7	Hide and skins	ki-x-ta, kišib, gab-ri
6	5626	I.	14a	1	Hairy hides and dehaired skins	ki-x-ta, gab-ri, kišib
7	7114	I.	15	6	Skins	ki-x-ta, gab-ri, kišib
8	5656	I.	15	6	Skins; gazelle skin	ki-x-ta, kišib, gab-ri dub-ba
9	6409	I.	15	7	Skins	ki-x-ta, gab-ri, kišib
10	7067	I.	15	10	Skins	ki-x-ta, gab-ri, kišib
11	5667	I.	16	1	Hairy hides for a door	ki-x-ta, gab-ri, kišib
12	7596	I.	13	6	<i>še-gín</i> and <i>a-še-gín</i>	ki-x-ta, kišib, kišib ib-ra
13	7402	I.	12b	3	Goat leather	ki-x-ta, kišib
14	8419	I.	15	6	Hairy hide for a shield; hairy hides and skins for BA.RU.TUM; dehaired skins	ki-x-ta, gab-ri, kišib
15	7590	I.	16	1	Hairy hides for a door	ki-x-ta, gab-ri, kišib
16	7506	Sh.	3b	3	<i>še-gín</i>	kišib
17	8851	I.	14b?	7	Hides and skins; skin of a young <i>šeg-bar</i>	ki-x-ta, [kišib]
18	6379	I.	17b	11	Dehaired hides	[k]i-x-ta, gír, gab-ri, kišib
19	5634		H	2	[?] hide and hairy hide	ki-x-ta, gír, gab-ri kišib
20	5633	I.	16	11	Hairy hides and skin of an unborn calf	ki-x-ta, gab-ri, kišib, gír
21	6381		H	2	Hairy hides and skins	ki-x-ta, gír, gab-[ri], kišib
22	6463	I.	16	11	Skins; skins of suckling and unborn calves	ki-x-ta, gír, gab-ri, kišib
23	7260		H	2	Hairy hides	ki-x-ta, gír, kišib
24	7516		H	2	Hairy hide	ki-x-ta, gír, gab-ri, kišib
25	7616	I.	16	2	Hide for a boat	ki-x-ta, gír, gab-ri, kišib
26	8432	I.	16	2	Hides for a boat and a chariot	gír, ki-x-ta, gab-ri, kišib
27	5602	I.	7	5	Sheep leather, <i>še-gín</i> , and bitumen for the dais of the throne of Damu; bag for a copper GAG	ba-ra-kešda, ba-an-gar, ki-x, gír

Text	NBC	Reign	Year	Month	Subject Matter	Key Words
28	7059	I.	19	11	<i>še-gín</i> and sheep leather for the throne of Nanna and Ningal	ki-x-ta, gir
29	7461	I.	8	6	Sheep leather, <i>še-gín</i> , and wool for a wooden item	ki-x, gir
30	7095	I.	7	5	[<i>še</i>]- <i>gín</i> , wool, sheep leather, and bitumen for the throne of Damu	ba-ra-kešda, ki-x, gir
31	7107	I.	7	1	Sheep leather, <i>še-gín</i> , and wool for wooden boomerangs (?) or sickles (?)	ba-ra-kešda, ki-x, gir
32	6389	I.	10b	4	Combed wool for ?	ki-x-ta, ba-an-gar, gir
33	7595	I.	15	9	<i>še-gín</i> and sheep leather for ^{is} GAR.KA.UR; bag	ba-an-gar, ki-x, gir
34	7403	I.	9	12	Bags	mu-x-šè, gir, ki-x-ta
35	7361	I.	7	3	<i>še-gín</i> , gypsum, and goat leather for ^{is} DAM.ŠI.LUM	ba-a-si, ki-x, gir, gab-ri-àm
36	7581	I.	13	1	Bags for ? and skins for oil	gir, ki-x-ta
37	7265		D	12	Tag listing sheep and goat leather, wool, oil, and <i>naga</i> for a boat covering and its container	ba-an-gar, ba-ab-MIR, gir, maškim, ki-x
38	6364	I.	4	7	Leather containers and sheep leather for ZA.MI.TUM	ki-x, gir
39	7052	I.	7	2	Sandals and bags for messengers	gir, maškim, ki-x-ta, gab-ri
40	8488	I.	20b	12	Skins of unborn calves; skins	ki-x-ta, šu-ba-an-ti, kišib, gab-ri
41	6368	I.	6	9	Hides and skins	ki-x-ta, šu-ba-an-ti, kišib, gab-ri dub
42	6403	I.	19	3	Hides; skin of suckling calf; skins	ki-x-ta, šu-ba-an-[ti], gab-ri, kišib
43	7050	I.	9	5	Hide and skins	ki-x-ta, šu-ba-an-ti, gab-ri, kišib
44	7074	I.	7	1	Hide and skins	ki-x-ta, šu-ba-an-ti, gab-ri, kišib
45	6460	[...]	[...]	[...]	Hides and skins	ki-x-ta, šu-ba-an-ti, kišib, gab-ri dub-ba
46	7079	I.	13	2	Hides and hairy hides; skins	ki-x-ta, šu-ba-an-ti, kišib
47	7116	I.	17b	9	Hide and skins	ki-x-ta, šu-ba-an-ti, gab-ri, kišib

Text	NBC	Reign	Year	Month	Subject Matter	Key Words
48	7119	I.	4	13	Hides and skins	ki-x-ta, šu-ba-an-ti, kišib, gab-ri dub-[ba]
49	7123	I.	6	6	Hides and skins	ki-x-ta, šu-ba-an-ti, kišib, gab-ri dub-ba
50	7141	I.	18b	9	Hides and skins	ki-x-ta, ki-x, šu-ba-an- ti, gab-ri, kišib
51	7364	I.	5	3	Hides and skins; gazelle skins	ki-x-ta, šu-ba-an-ti, kišib, gab-ri dub-ba
52	7128	I.	6	3	Hides and skins	ki-x-ta, šu-ba-an-ti, kišib, [gab]-ri dub-ba
53	8857	I.	7	9	Hide[s] and skins	ki-x-ta, šu-ba-an-ti, gab-ri, kišib
54	5628	I.	12a	3	Skins	é-dub-ba-ta, šu-[ba]- an-ti, gab-ri, kišib
55	6462			1	Hairy and dehaired hides; skins	ki-x-ta, [šu]-ba-an-ti, [kišib]
56	6398	I.	8	13	Hairy hides; skins	ki-x-ta, šu-ba-an-ti, gab-ri, kišib
57	8415	I.	19	2	Hairy hides; hides; skins	ki-x-ta, šu-ba-an-ti, gab-ri, kišib, gir
58	7524	I.	9	1	Dehaired and hairy skins	ki-x-ta, šu-ba-an-ti, gab-ri, kišib
59	7231	I.	13	5	Hairy and dehaired hides; dehaired skins	ki-x-ta, šu-ba-an-ti, kišib
60	7081	I.	6	9	Skins	ki-x-ta, šu-ba-an-ti, kišib, gab-ri dub-ba
61	8411	I.	17b	7	Hairy hide; hides and skins	ki-x-ta, šu-ba-an-ti, gab-ri, kišib
62	7105	I.	10b	4	Skins	ki-x-ta, šu-ba-an-ti, gab-ri, kišib
63	7143	I.	13	11	Hairy and dehaired hides; hairy deerskin; dehaired skins	ki-x-ta, šu-ba-an-ti, kišib, gab-ri
64	7056	I.	13	6	Hides and skins	ki-x-ta, šu-ba-an-ti, gab-ri, kišib
65	7363	I.	20b	12	Hides and skins	ki-x-ta, šu-ba-an-ti, kišib, gab-ri
66	6491	I.	7	4	Skins	ki-x-ta, šu-ba-an-ti, gab-ri, kišib
67	7514	I.	7	9	Skins	ki-x-ta, šu-ba-an-ti, gab-ri, kišib
68	7240	I.	6	4	Skins	ki-x-ta, šu-ba-an-ti, kišib, gab-ri dub-ba

Text	NBC	Reign	Year	Month	Subject Matter	Key Words
69	5666	I.	10a	1	Hides	é-dub-ba-ta, šu-ba-an-ti, gab-ri, kišib
70	7069	I.	12	12	Hides and skin	é-dub-ba-ta, šu-ba-an-ti, gab-ri, kišib
71	7246	I.	6	7	Hides for a door	mu-x-šè, é-dub-ba-ta, šu-ba-an-ti, kišib, gab-ri dub-ba
72	7406	I.	16	4	Hides and skins	é-dub-ba-ta, šu-ba-an-ti, gab-ri, kišib
73	7101	I.	10a	1	Hides	é-dub-ba-ta, šu-ba-an-ti, gab-ri, kišib
74	7249	I.	6	8	Hides for a door	é-dub-ba-ta, šu-ba-an-ti, kišib, gab-ri dub-ba, mu-x-šè
75	7072	I.	10a	1	Hide for GAB.IG	é-dub-ba-ta, šu-ba-an-ti, gab-ri, kišib
76	7421	I.	18a/D	8	Skin	é-dub-ba-ta, gab-ri, kišib
77	7113	I.	10b	7	Dehaired (?) hides for a door	mu-x-šè, é-dub-ba-ta, šu-ba-an-ti, gab-ri, kišib
78	8856	I.	10a	1	Hides for GAR.KA.SIMUG. EZEN+BAD.A	é-dub-ba-ta, šu-ba-an-ti, gab-ri, kišib
79	8502	I.	12b	13	Hides and gypsum	é-dub-ba-ta, šu-ba-an-ti, gab-ri, kišib
80	6378	I.	17b	10	Tanning agents	é-dub-ba-ta, šu-ba-an-ti, gab-ri, kišib
81	7372		E	10	Wool; tanning agents	é-dub-ba-ta, šu-ba-an-ti, kišib
82	6411	I.	13	11	Tanning agents	é-dub-ba-ta, [šu]-ba-an-ti, [gab-ri, kišib
83	7139	I.	15	3	Tag listing tanning agent and ? for the temple	é-dub-ba-ta, [šu]-ba-an-ti, [ga]b-ri, kišib
84	7500	I.	19	9	Tanning agents for the garment of Nerigal of Isin	é-dub-ba-ta, šu-ba-an-ti, gab-ri, kišib
85	7367		A	2	Shields	é-dub-ba-ta, šu-ba-an-ti, kišib, gab-ri
86	6410	I.	15	5	Goat leather for the king's chair	ki-x-ta, šu-ba-an-ti, [gab-ri, [ki]šib
87	6407	I.	10	6	Hides for a door; skins for bags; dehaired skins	ki-x-ta, šu-ba-an-ti, gab-ri, kišib
88	7411				Sandals and their materials	ki-x-ta, šu-ba-an-ti-eš, kišib

Text	NBC	Reign	Year	Month	Subject Matter	Key Words
89	7626	I.	5	1	Skins for BA.RU.TUM	ki-x-ta, šu-ba-an-ti, kišib, gab-ri dub-ba
90	7619	I.	18b	9	Dehaired hide and skins; hairy hides	ki-x-ta, šu-ba-an-ti, gab-ri, kišib, gir
91	6371	I.	17b	12	Hides and skins	ki-x-ta, šu-ba-an-ti, [g]ab-ri, kišib, gir
92	6401	I.	18b	9	Hides	ki-x-ta, šu-ba-an-ti, gab-ri, kišib, gir
93	7096	I.	18b	9	Dehaired and hairy hides and skins	ki-x-ta, šu-ba-an-ti, gab-ri, kišib, gir
94	7100	I.	18b	9	Hides and skins	ki-x-ta, šu-ba-an-ti, gab-ri, kišib, gir
95	7058	I.	18b	8	Skins	ki-x-ta, šu-ba-an-ti, kišib, gir
96	6383	I.	17b	9	Hairy hides; skins	ki-x-ta, šu-ba-an-ti, gab-ri, kišib, gir
97	7103	I.	19	2	Skins	ki-x-ta, [š]u-ba-ti, kišib, gab-ri dub-ba, gir
98	6522	I.	17b	7	Hairy hide; dehaired hide and skins	gir, ki-x-ta, šu-ba-an-ti, gab-ri, kišib
99	7359	I.	18a	1	Skins	ki-x-ta, šu-ba-an-ti, gab-ri, kišib, gir
100	6399		E	8	Skins	ki-x-ta, šu-ba-an-ti, gab-ri, kišib, gir
101	6521	I.	17b	3	Hairy hide; dehaired hides and skins	ki-x-ta, šu-ba-an-ti, gab-ri, kišib, gir
102	6395	I.	19	12	Hides and skins	ki-x-t[a], šu-ba-an-ti, gir
103	8479	I.	13	7	Ox leather and/for <i>še-gin</i>	ba-lal, é-dub-ba-ta, šu- ba-an-ti, gab-ri, kišib, gir
104	6376	I.	19	4	Tanning agent	é-dub-ba-ta, šu-ba-an- ti, gir, gab-ri dub-ba
105	8853	I.	17b	5	Tanning agents; wool for ?	gir, é-dub-ba-ta, šu-ba- an-ti, gab-ri, kišib
106	5657	I.	19	8	Leather for shield(s) and a door for <i>še-gin</i>	giš-kin-ti-ta, šu-ba-ti, gir
107	7054	I.	17b	10	Copper and leather for royal shoes	ki-x-ta, šu-ba-an-ti, gab-ri, kišib, gir
108	7087	I.	18b	10	Leather/leather items	ki-x-ta, šu-ba-an-ti
109	7387	I.	17b	6	Leather/leather items	ki-x-ta, šu-ba-an-ti
110	6355		G	8	Ox leather for a chair	mu-x, ki-x-ta, šu-ba-ti
111	6421	I.	19	1	Ox leather for shields	ki-x-ta, šu-ba-an-ti

Text	NBC	Reign	Year	Month	Subject Matter	Key Words
112	7465	I.	19	7	Dehaired hides and skins; wool	ki-x-ta, šu-ba-an-ti
113	7045	I.	16	7	Hides and skins	ki-x-ta, šu-ba-an-ti, gab-ri dub-ba
114	6360	I.	13	6	Tag listing hides	ki-x-ta, šu-ba-an-ti-ěš, ki-x
115	8523	I.	7	12	Skins	[ki]-x-ta, šu-ba-an-ti, gab-ri dub-ba
116	7654	I.	19	12	Dehaired hides and skins	ki-x-ta, šu-ba-an-ti
117	7047	I.	16	7	Skins	ki-x-ta, šu-ba-an-ti, gab-ri dub-ba
118	8437	I.	5	5	Bags	ki-x-ta, šu-ba-an-ti
119	7057	I.	21	7	Shield	ki-x-ta, šu-ba-an-ti
120	7451	I.	14b	2	Skins; gazelle skins	ki-x, šu-ba-an-ti, gab-ri dub-ba
121	7469	Sh.	3b	6	<i>še-gín</i> for a bow	mu-x-šè, ki-x-ta, šu-ba-an-ti
122	7470	Sh.	3b	6	<i>še-gín</i> for a bow	mu-x-šè, ki-x-ta, šu-ba-an-ti
123	7566	I.	20b	11	Shields	ki-x-ta, šu-ba-an-ti
124	7153	I.	17b	10	<i>še-gín</i> for a bow	ki-x-ta, šu-ba-an-ti
125	7430	I.	9	2	Ox and ass hides for ? for the <i>mašdā</i>	mu-x-šè, ki-x, šu-ba-an-ti
126	7088	I.	13	8	Hide(s) and skins(?) for <i>še-gín</i>	ba-lal, ki-x-šè(?), šu-ba-an-ti
127	6423		I	Dre 11a	Hides and pigskins for <i>še-gín</i> ; skins for bags and containers	é-dub-ba-ta, šu-ba-ti
128	8482	I.	13	6	Combed wool and sheep leather for shoes (?)	gir, šu-ba-an-ti, kišib
129	7204		C	10	Leather (?), combed wool, and linen for royal sandals	i-lal, šu-ba-an-ti
130	6441		G		<i>še-gín</i>	mu-du
131	7117	I.	18b	8	<i>še-gín</i> for a chariot	mu-du
132	5620	I.	3	10	<i>še-gín</i>	mu-du
133	7226				<i>še-gín</i>	mu-du
134	7161			1	Wool, bitumen, and <i>še-gín</i>	mu-du
135	6471				<i>še-gín</i>	mu-du
136	7399	I.	10a	1	Wool, bitumen, and leather	mu-du
137	7068	I.	10b	12	Ox leather for a door	mu-x-šè, mu-du
138	7585	I.	10b	12	Ox leather for a door	mu-du

Text	NBC	Reign	Year	Month	Subject Matter	Key Words
139	7497			13	Bitumen and two kinds of wool for a sheep leather garment (?)	mu-du
140	7490			13	<i>še-gín</i> for a door	mu-x-šè, mu-du
141	7373	I.	10b	12	Wool for a sheep leather garment (?)	gir, mu-du
142	8854			12	Two kinds of wool for a sheep leather garment (?)	mu-du, gir
143	7501			12	Wool for a sheep leather garment (?)	gir, mu-du
144	7513			13	Wool for a sheep leather garment (?)	mu-du, gir
145	5665		J	Dre 8	<i>še-gín</i> for A.GAR	ki-x, mu-du
146	7382	I.	21	7	<i>še-[gín]</i>	ki-x-ta, mu-du, kišib
147	7223			12	Ox leather and <i>še-gín</i> for a door	mu-x-šè, ki-x-ta, mu-du
148	7241			12	Ox leather for a door	mu-x-šè, ki-x-[ta], mu-d[u]
149	7520	I.	10b	11	Ox leather for a door; beer	mu-x-šè, ki-x-ta, mu-du
150	7137				Variety of items concluding with bags and their materials	zi-ga, lal-ni
151	7476			11	Tag listing chairs	gir, ki-x, mu-du
152	7149	I.	9	2	Skins to hold silver as tribute to Martu (?)	[ba-sìg]-ga-a, ba<-ra>-kešda, gir, gab-ri
153	7415	I.	10b	6	<i>še-gín</i> and <i>a-še-gín</i> for a door	mu-x-šè
154	7414	I.	10b	7	<i>še-gín</i> and <i>a-še-gín</i>	
155	7491	I.	10b	5	<i>še-gín</i> and <i>a-še-gín</i> for a door	mu-x-šè, [gab]-ri
156	7615	I.	10b	5	<i>še-gín</i> and <i>a-še-gín</i> for a door	mu-x-šè
157	8417	I.	10b	5	<i>še-gín</i> and <i>a-še-gín</i> for a door	mu-x-šè
158	7420	I.	11b	3	Ox leather and <i>še-gín</i> for a door	mu-x-šè, gab-ri
159	7503	I.	10b	13	<i>še-gín</i> for a door part (?)	[kišib ib-ra]
160	7528	I.	10b	12	<i>še-gín</i> for a door part (?)	
161	7374	I.	10b	12	<i>še-gín</i> for a door part (?)	
162	7630	I.	10b	6	<i>še-gín</i> and <i>a-še-gín</i> for a door	
163	7356	I.	10b	5	<i>še-gín</i> and <i>a-še-gín</i> for a door	

Text	NBC	Reign	Year	Month	Subject Matter	Key Words
164	7409	I.	10b	6	<i>še-gín</i> and <i>a-še-gín</i> for a door	x-ta
165	8518	I.	10b	6	<i>še-gín</i> and <i>a-še-gín</i> for a door	x-ta
166	7426	I.	10b	8	<i>še-gín</i> and <i>a-še-gín</i> for a door	
167	7060	I.	10b	8	<i>še-gín</i> and <i>a-še-gín</i> for a door	
168	7509	I.	10b	8	<i>še-gín</i> and <i>a-še-gín</i> for a door	
169	7157			6	<i>še-gín</i> and meal for a door	
170	5670	I.	11a (?)	13	Ox leather for a door	
171	5676	I.	11b	4	Ox leather for a door	
172	7529			7	<i>še-gín</i> and meal for ? and for the door of Inanna	
173	7378	I.	10b	11	Ox leather for a door	gir
174	7151	I.	13	5	Ox leather for a door (?)	
175	5663	I.	11b	4	Ox leather for a door	
176	7238	I.	11b	4	Ox leather for a door	
177	8490	I.	13	3	<i>še-gín</i> , <i>a-še-gín</i> , and ox leather for ? of the new temple	
178	7360	I.	13	9	<i>še-gín</i> , ox leather, bitumen, and gypsum for the door of the gate of Zagar	
179	7489	I.	12b	13	Door and its materials for the new temple	
180	6486			6	Sheep leather for a chair	mu-x
181	7132				Ox leather for thrones of the goddesses; commodities priced in silver	mu-x, ki-x-ta
182	7607	Sh.	1	10	Materials for the throne of Ningal	
183	7184				List of wooden and leather items; containers	
184	7163	I.	17b	3	Skins and hides for bags for the festival chair of the priest of Enlil	
185	8416	I.	17a	12, 1	Ox and sheep leather for chairs, a musical instrument (?), and shoes (?)	ba-gíg
186	5677	I.	9	10	Goat leather for two (?) for chairs	

Text	NBC	Reign	Year	Month	Subject Matter	Key Words
187	7449		D	13	Goat and sheep leather for a chariot seat (?); sheep leather for ?; <i>še-gín</i>	
188	7720			5	Oxhide, sheep and goat leather for a chariot	mu-x-šè
189	7083	I.	3	5	Sheep leather and <i>še-gín</i> for a chariot	mu-x-šè
190	8501			2?	Oxhide and sheep leather for a chariot; sheep leather for ?; bags	
191	6472	Sh.	1	4	<i>še-gín</i> and meal for a chariot part	
192	7488		C	4	<i>še-gín</i> and goat and sheep leather for a side of a chariot	
193	7492		D	3	<i>še-gín</i> , goat and sheep leather, and thread for a side of a chariot	
194	7222	I.	10a	1	Wool for <i>višgid-da</i> ; ox leather, and <i>še-gín</i> for a garment; wool	
195	7232	I.	10a	1	Oxhide, sheep and goat leather, and <i>še-gín</i> for a garment	
196	7242	I.	11b	11	Sheep leather for a boat part (?)	
197	7496	I.	10b	1	Ox leather, wool, and bitumen for three items	
198	7230	I.	16	5-6	Sheep leather, red / pure clay, and oil for a part of the king's boat; skins for bags; leather for the chariot of Enlil	
199	5603		D	1	<i>še-gín</i> and sheep leather for <i>višhu-bu-um</i> ; sheep leather to cover a reed mat; goatskin bags	ba-a-si, gir, maškim
200	6480	I.	16	5-6	Sheep leather for a part of the king's boat	ba-ab-MIR, ba-gíg
201	7612	Sh.	1	10	<i>še-gín</i> , gypsum, and meal for the throne of Ningal; <i>še-gín</i> for ? of Lugal-erra	
202	7531	Sh.	1	10	<i>še-gín</i> and gypsum for the throne of Ningal	

Text	NBC	Reign	Year	Month	Subject Matter	Key Words
203	7586	Sh.	1	8	<i>še-gín</i> and meal for the ? of the temple of Inanna	
204	7071	I.	10b	13	Bitumen for a sheep leather garment (?)	
205	7369	I.	10b	12	Wool for a sheep leather garment (?)	gir
206	7495		D	11	Wool, bitumen, and sheep leather for the gold- smith's shop	
207	7453			9	Skins for a sheep leather garment (?)	
208	7525	I.	10b	1	Bitumen for a sheep leather garment (?)	
209	7634	I.	10b	12	Wool for a sheep leather garment (?)	gir
210	7589	I.	10b	12	Wool for a sheep leather garment (?)	
211	7256	I.	16	3	Bags and skins	
212	7397	I.	10a	1	Oxhide, sheep and goat leather, bitumen, and <i>še- gín</i>	
213	7594			10	Leather item and ?	
214	7567				Bags and their materials	
215	7455	Sh.	2	4	Bags and their materials	
216	6385	I.	13	2	Bags and their materials with linen to be put in one bag	ba-an-gar
217	7245	I.	18a/D	4	Bags and their materials (?)	
218	7424			6	Bags and their materials (?)	
219	7445		D	1	Bags and their materials (?)	
220	7447	Sh.	3b	3	Bags and their materials	
221	7532	Sh.	3b	6	Bags and their materials	
222	7614	Sh.	3b	5	Bags and their materials (?)	
223	8858			6	Bags and their materials (?)	
224	6440		D	3	Bags and their materials (?)	
225	8434	I.	11b	3	Bags, containers, and their materials	
226	8480		D	11	Bags, containers, and their materials for gold rings and sandals	ki-x-šè, gá-gá-dè, ba-an- gar
227	7517		D	1	Bags and their materials	ki-x-šè
228	7446		D	11	Bags for the goddesses; a chair and its repair (?)	

Text	NBC	Reign	Year	Month	Subject Matter	Key Words
229	7458	Sh.	1	10	Bags and their materials	
230	5664	Sh.	2	6	Bags	
231	7466	I.	9	1	Sandals	kišib
232	7152	Sh.	3b	6	Sandals	mu-x-šè, ki-x
233	8461	I.	14b/15	[...]	Leather items and their materials; wool garments; sandals and bags	
234	7563	Sh.	3b	4	Reed table/mat and its materials	ba-a-si, gir, gab-ri
235	5636	I.	10b	12	Sheep leather	gir
236	7427	I.	10b	6	Sheep leather	gir
237	5678	I.	7	4	Sheep leather	gir, gab-ri
238	7565	I.	3	6	Sheep leather; reed tables and their bitumen; wool; sandals	gir
239	7053	I.	19	7	Skin[s]	gir
240	7389	I.	8	7	Sheep leather for oil bags	mu-x-šè, gir, ba-an-tu-ra, gab-ri
241	7413	I.	7	11	Sheep leather for oil bags; bags and their materials	gir
242	7259	I.	7	1	Sheep leather for oil bags	gir
243	5627	I.	8	3	Sheep leather for bag(s)	gir
244	5621	I.	13	3	Sheep leather for oil bags	gir
245	7102	I.	14b	1-3	Skins for oil bag(s)	gir
246	7127	I.	19	9	Wool and sheep leather for the throne of Enlil	gir
247	7601			9	še-gín, sheep leather, and wool for the chair of [?]	gir
248	7644	I.	13	12	Ox leather for še-gín and ? for a chair	gir, ba-lal, gab-ri dub-ba
249	7130	I.	13	11	Hairy hide, bitumen, gypsum, and wool for ^{viš} GAG. QA	gir
250	7423	I.	13	11	Hairy hide, bitumen, gypsum, and wool for ^{viš} GAG. QA	gir
251	7253	I.	13	4/11(?)	Bitumen, gypsum, and hairy hide for ^{viš} GAG. QA	gir
252	7150	I.	14b	12	Ox leather and še-gín for a side and other parts (?) of a chariot (?)	gir, maškim
253	7410	I.	8	2	Goatskin and še-gín for ^{viš} ma-ri-tum and ^{viš} gá-bi-tum, possibly musical instruments	gir

Text	NBC	Reign	Year	Month	Subject Matter	Key Words
254	7046	I.	19	4	Goat and sheep (?) leather and wool for the bed of Enlil	gir
255	7422	I.	19	4	Sheep leather and wool for the bed of Enlil	gir
256	5687	I.	7	5	Sheep leather for an ox yoke	[ba]-a-si, gir, gab-ri
257	7405	I.	8	4	Wool; musical instrument	i-lal, igi-x-šè, gir
258	7235	I.	[...]	[...]	Sheep leather, [<i>še-gín</i>], and wool for the weapon of Dagan	gir
259	7076	I.	7	9	Bitumen for PEŠ; a reed mat with sheep leather to cover it	ba-a-si, gir, gab-ri
260	5635	Sh.	1	9	<i>še-gín</i> and gypsum for the goldsmith's shop	gir, maškim
261	6356				Skins	gir
262	6425	I.	9	1, 7	<i>še-gín</i> for copper item; ass hide, goatskin, bitumen, and a reed item	maškim, gir
263	7592		L	5	<i>še-gín</i>	gir
264	7048	Sh.	1	11	Sheep leather and wool for the goldsmith's shop	gir
265	8855	I.	19	9	Sheep leather and wool	gir
266	7124	I.	19		<i>še-gín</i> and goat leather for a wooden item	gir
267	7719	I.	7	11	Sheep and goat leather for a part of a boat going to Nippur	gir, gab-ri
268	6391	I.	19	12	Bags and their materials; sheep leather	gir
269	7584	I.	5	12	Bags and their materials; skins	ki-x-šè, gir
270	7440	I.	20a	1	Bags and their materials	gir
271	7381	I.	20b	10	Bags and their materials	gir, ki-x-šè
272	7407	I.	8	6	Bags and their materials; sheep leather	gir
273	5618	I.	8	9	Bags and their materials; sheep leather	gir
274	5673	I.	7	2	Bag; skins for BA.RU.TUM	ba-an-gar, [gi]r
275	6402	I.	20b	11	Bags and their materials; skin	gir, ki-x (?)
276	6400	I.	8	6	Bags and their materials	gir
277	5681	I.	9	3	Bags and their materials	gir

Text	NBC	Reign	Year	Month	Subject Matter	Key Words
278	6459	I.	19	6	Bags	gir
279	6475	I.	7	5	Bags and their materials	gir
280	7145	[...]	[...]	[...]	Bags and their materials	gir, [gab]-ri
281	6508	I.	17b	3	Bags and their materials	gir
282	7384	I.	E	11	Bags and their materials	gir
283	7224	I.	9	4	Bags and their materials	ki-x-šè, maškim, gir
284	6483	I.	8/9	[...]	Bags	gir
285	7257	I.	8	1	Bags; sheep leather; bags for inscribed tablets	gir, gá-gá-dè
286	7576	Sh.	2	9	Bags and their materials	ki-x-šè, gir
287	7432	I.	19	8	Bags and their materials	gir
288	7511	I.	12b	6	Bag and its material	gir
289	7533	Sh.	1	3	Bags and their materials	ki-x, gir
290	7591	I.	20b	7	Bags and their materials	ki-x, gir
291	7622	I.	8	3	Bags and their materials	gir
292	7641	I.	12b	6	Bags and their materials	gir
293	7650	Sh.	3b	1	Bags and their materials	ki-x-šè, gir, gab-ri
294	8021				Bags and their materials; sheep and ox leather for a door; <i>še-gín</i> and ?	gir
295	8420			10	Bags and their materials; skins	x-ta, gir
296	8418	I.	10b	5	Bags	gir
297	8421	I.	10b	8	Bags and their materials; sheep leather	gir
298	8423	I.	19	7	Bags and their materials	gir
299	8427	I.	10b	12	Bags and their materials	gir
300	8431	I.	8	12	Bags and their materials	gir
301	8474	I.	20b/E	12	Bags and their materials	gir, ki-x
302	5625	I.	8	1	Sumerian letter about bags	kišib ra-a ù-na-a-dug ₄ , gá-gá-dè, gir, gab-ri
303	7055	I.	19	4	Sheep and goat leather for a bag, wool, skins—all for the bed of Enlil (?)	x-ta, gir
304	7126	I.	8	11	Bag containing silver (?) for the temple of Enlil; bag and its material	ba-an-gar, gir, gab-ri
305	7632	I.	12a	1	Bags	gir
306	7662	[...]	[...]	[...]	Bags for an offering of silver; sheep leather for bags (?)	gá-gá-dè, gir
307	7443	I.	8	7	Bag for inscribed tablets; bags for the brewer; bi-	gá-gá-dè, gir, ba-ab- MIR, gab-ri

Text	NBC	Reign	Year	Month	Subject Matter	Key Words
					tumen for two items—all for the temple of Dagan (?)	
308	7210	I.	11b	2	Bag for inscribed tablets and for gold (?)	ba-an-gar, maškim, gir
309	8522	I.	9	4	Bag for <i>še-gín</i>	ba-an-gar, gir
310	7623	Sh.	1	6	Bags and their materials	gir
311	7625		D	4	Bags	gir
312	7172				Bags and their materials (?); goat leather for three items	gir
313	7051	I.	19	7	Bags and their materials	gir
314	7086	I.	16	11	Bags and their materials	ki-x-šè, gir
315	7587	I.	7	12	Bags and their materials	gir
316	7549	I.	9	7	Bags and their materials	gir, ki-x, gab-[ri]
317	8137	I.	7	1	Bags and their materials	gir
318	7354	I.	6	4	Bags and their materials	gir
319	7385	I.	7	2	Bags and their material	gir
320	5675	I.	7	7	Bags and their material	gir, gab-ri
321	7251	I.	7	10	Bags and their material	gir, gab-ri
322	7108	I.	21	11	Bags and their material	gir
323	7104	I.	8	2	Sandals and their material	gir
324	7214	I.	8	11	Sandals and their material; bags for copper; wool	gir, ba-an-gar, maškim, gab-ri
325	7434	I.	8	12	Sandals and their material; bags	gir, maškim, gab-ri
326	8458	I.	9	4	Sandals and their materials; bags; item with wool	maškim, gir, gab-ri
327	8470	I.	8	7	Sandals and their material; bags and their wool	gir, mu-x, maškim, gab-ri
328	7392	Sh.	2	9	Shoes and their materials	gir
329	8020				Hides for shields	igi-x, x-ta, i-gál
330	5683	I.	7	4	Goat leather for a shield	gir, gab-ri
331	5655	I.	1-2		Wild oxhides and oxhides for shields	gir
332	5653	I.	3	11	Skins to hold silver; sheep leather for a shield; sheep leather; <i>še-gín</i> for goat leather; wool and bitu- men for reed mats; reed container and its sheep leather	KEŠDA.DU-dè, gir
333	8498	I.	7	8	Containers and their ma- terials	ba-an-gar, gir, gab-ri

Text	NBC	Reign	Year	Month	Subject Matter	Key Words
334	7538	[...]	[...]	[...]	Containers and their materials for <i>ušá-bi-tum</i> ; a chair and its materials (?)	gir
335	7258	I.	7	4	Container and its material for a wooden item	gir, gab-ri
336	7526	I.	7	5	Chairs (?) and their material	gir, gab-ri
337	7261	I.	7	1	Gold rings and sheep leather for wrapping (?)	ba-an-gar, gir
338	7115	I.	10b	4	Copper objects and leather shields	gir
339	7647		D	3	Wooden and reed items with leather and bitumen	gir
340	5680	I.	6	10	Chair and its materials	gir
341	7147	Sh.	1	9	Chair and its materials; wool garment (?) for ?	gir
342	7159			10	Chairs and their materials	ba-a-si, gir
343	7478	I.	12a	3	Doors and their bitumen; containers and their materials	ba-ab-tag, gir
344	8424	I.	13	2	Doors and their bitumen; bags and their material	gir
345	6445	I.	13	2	Doors and their bitumen; bags and their material	gir
346	7211	I.	13	2	Doors and their materials	gir
347	7207	I.	13	1	Doors and their materials	gir
348	7160	I.	12b	6	Beds, mattresses for <i>ušZA</i> . AN.KA	gir
349	5647		D	3	Door, its materials, and workmen	gir
350	7181	I.	13	2	Doors, door parts (?), and their materials; reed containers and their materials	gir, ba-an-gar
351	6384	I.	13	2	Mattress and its material for <i>ušZA</i> .AN.KA	gir
352	5684	I.	7	8	Musical instruments and their materials	ba-a-si, gir, maškim, gab-ri
353	7588	I.	6	10	Musical instruments and their materials	gir
354	7254	I.	7	11	Musical instruments and their materials; reed chair mats and their materials	gir

Text	NBC	Reign	Year	Month	Subject Matter	Key Words
355	7649	I.	7	3	Various reed items and materials; a wooden container and its materials	gir, ba-a-si, x-ta, gab-ri-àm
356	7154	I.	13	1	Reed baskets (?) and their materials to hold silver	ba-a-si, gá-gá-dè, maškim
357	7188	I.	13	1	Duplicate of No. 356	
358	5685	I.	7	10	Reed container (?) and its material	gir, gab-ri
359	7358	I.	20b	12	Reed musical instruments (?), an offering to Enlil, and their bitumen; bags	gir
360	7481	I.	8	4	Reed items and their bitumen; bag and its materials	gir, ba-a-si, gab-ri
361	7198	I.	13	[...]	Reed containers and their materials; leather containers and their materials	ba-a-si, gir
362	7370	I.	13	2	Reed containers and their materials; reed table part (?) and its material	ba-a-si, ba-ab-tag, gir
363	5641	I.	17b	4	Skins for wine; bags and their materials	gir, maškim, ki-x-ta, ba-zi
364	7521	I.	7	6	Reed containers and their materials	gir, gab-ri
365	8467	I.	17b	8	Skins for oil bags; bags; reed musical instruments (?), an offering to Enlil	gir, ki-x-ta, ba-zi
366	7219	Sh.	3b	4	Skins for oil bags; <i>še-gín</i> and wool	gir, igi-x-šè, maškim, ki-x-ta, ba-zi
367	7393		D	5	Skins for oil bags	gir, ki-x-ta, ba-zi
368	7554	Sh.	2	3	Sheep leather for oil bags; reed musical instruments (?) and their material; bags	gir, ki-x, ba-zi
369	7499	I.	2	12	Skins for oil bags; goat leather item and its material; sandals and their materials	gir, zi-ga
370	7553	I.	E	12-1	Oil and leather for ?	ba-ab-MIR, ki-x-[t]a, ba-zi, gir
371	7182	I.	19	12	Oil and leather for ?	zi-ga, ba-ab-MIR, ki-x-ta, [ba]-zi

Text	NBC	Reign	Year	Month	Subject Matter	Key Words
372	5774	I.	7	2	Sheep and goat leather and <i>še-gín</i> for a chariot	ba-ab-TAḡ, gir, ki-x, ba-zi, gab-ri
373	8451	I.	E	5-9	Oil and leather for ?	ba-ab-MIR, ki-x-ta, ba-zi, gir
374	7375	I.	6	7	<i>še-gín</i> for a chair	ki-x, gir, ba-[z]i
375	8472	I.	19	2	Oil and leather for ?	ba-ab-MIR, ki-x-ta, ba-zi, gir
376	6388	I.	16	3	Bitumen for door repair; sheep leather for oil bags; bags	ba-ab-tag, gir, ki-x-ta, ba-zi
377	6438	I.	16	3	Duplicate of No. 376	
378	7192	I.	17b	4	<i>še-gín</i> , sheep leather, ? leather, and wool for the chair of Ningilin	ba-ra-kešda, gir, ki-x-ta, ba-zi
379	7579	Sh.	3b	1	Sheep leather for the goldsmith's shop; <i>še-gín</i> for the tablet house	gir, ki-x-ta, ba-zi
380	7583	Sh.	3b	5	<i>še-gín</i> and [?] for a wooden gate part (?)	gir, ki-x-ta, ba-zi, gab-ri
381	7580	Sh.	3b	5	Bitumen and <i>še-gín</i> for the goldsmith's shop; <i>še-gín</i> and meal	gir, [k]i-x-ta, [b]a-zi
382	7551	I.	13	7	Ox leather for a door part; sandals, bags, and their materials	ba-ra-kešda, maškim, gir, ki-x-ta, ba-zi
383	7134	I.	15	7	Ox leather; sandals and their materials	ki-x-šè, gir, maškim, ki-x-ta, ba-zi
384	8483	I.	13	9	Skin; sandals and their materials; bags	ba-an-gar, maškim, ki-x-ta, ba-zi
385	6453	I.	3	8	Material for royal shoes	ki-x-ta, ba-zi
386	7165	I.	4	3	Sheep leather to wrap silver	KEŠDA.DU-dè, zi-ga
387	8436	I.	6	8	Bags; reed items and their material—an offering for the boat of An (?) and Inanna	gir, maškim, ki-x-ta, ba-zi
388	7545	Sh.	3b	1	Bags, sandals, and their materials	gir, maš[kim], ki-x-ta, ba-zi, gab-ri
389	6524	I.	9	1-3	Bags for a royal libation (?)	gir, ki-x-ta, ba-zi-zi, gab-ri
390	7166	I.	15	12	[?], reed containers; bags	gir, ki-x-šè, maškim, ki-x, ba-zi
391	8934	I.	21	3	Leather bags, reed containers, and their materials	ba-ab-tag, ba-a-si, ba-an-si, gir, maškim, ki-x-ta, ba-zi

Text	NBC	Reign	Year	Month	Subject Matter	Key Words
392	7564		D(?)	13	Bag(s) and its/their material	maškim, ki-x-ta, ba-zi
393	7395	I.	20b	9	Sheep leather for oil bags; bags; reed items and their bitumen	gir
394	7379	I.	17b	7	Bags; reed musical instruments (?) and their bitumen	gir
395	7264	I.	E	8	Leather, reed, and wood containers, sandals, and their materials	gir, ba-a-si, i-lal, ki-x-šè, maškim, ki-x-ta, ba-zi
396	7482	I.	16	7	Bags for a royal libation (?); sheep leather for oil bags; reed musical instruments (?) and their bitumen	gir, ki-x-ta, ba-zi
397	7540	I.	13	10	Bags for a royal libation (?); sheep leather for oil bags; reed musical instruments and their bitumen (?), an offering for Enlil; shoes, sandals and their materials	gir, i-lal, ki-x-ta, ba-zi
398	8440	I.	13	6	Bags for a libation (?); sheep leather for oil bags; wooden containers and their materials	gir, ba-a-si, ki-x-ta, ba-zi
399	7668	I.	E	3	Reed tablet container and its bitumen; bags; bags for a royal libation (?); reed musical instruments (?) and their bitumen, an offering for Enlil	gir, ki-x-šè, ba-an-tu(r), ki-x-ta, ba-zi
400	6366	I.	E	5	Bags and their materials	gir, ki(?) -x-šè
401	8459	I.	15	12	Reed containers and their bitumen; sheep leather for oil bags; bags for a royal libation (?)	gir, ki-x-ta, ba-zi
402	8485	I.	17b	6	Bags for a libation (?); sheep leather for oil bags; reed musical instruments (?) and their bitumen, an offering for Enlil	gir

Text	NBC	Reign	Year	Month	Subject Matter	Key Words
403	6412	I.	13	6	Bags and their materials	gir, ki-x-ta, ba-zi
404	7582	I.	13	6	Duplicate of No. 403	
405	7206	Sh.	2	2	Bags and their materials	ki-x-ta, ba-zi
406	7383	I.	14b	2	Bags and their materials	gir, ki-x-ta, ba-zi
407	7542	I.	21	3	Bags and their materials	gir, ki-x-ta, ba-zi
408	8297	I.	7		Bags, shoe container(s), and their materials	gir, ki-x-še, [ki]-x-ta, ba-zi, [g]ab-ri
409	8447	I.	21(?)	2	Bags and their materials	gir, ki-x, ki-x-ta, ba-zi
410	7613	I.	13	9	Bags and their materials	gir, [ki]-x-še, ki-x-ta, ba-zi
411	8448	I.	21	4	Bags and their materials	gir, ki-x-ta, ba-zi
412	7209	I.	15	11	Bag for silver; reed items and their bitumen	ba-an-gar, gir, ki-x-ta, ba-zi
413	6435	I.	19	3	[?], bags for seals/sealed documents	ba-an-gar, gir, kišib ra-a, ki-x-ta, ba-zi
414	7667	I.	21	3	Bags and their materials	gir, ki-x-[ta], ba-[zi]
415	7633	I.	18b	3	Bag(s) for bow and material; reed containers for bow equipment (arrows?), sandals, bags, and their materials	ba-an-gar, gir, maškim, ki-x-ta, ba-zi
416	7202	Sh.	1	4	Bags and their materials	gir, ki-x-ta, ba-zi
417	7547	I.	18b	2	Bags for inscribed tablets; mattress and its material for <i>vi</i> ZA.AN.K[A]; reed items and their bitumen	ba-an-gar, gir, i-lal, ki-x-ta, ba-zi
418	8412	Sh.	1	9	Bag for the goldsmith's shop	gir, ki-x-ta, ba-zi
419	7645	Sh.	3a	1	Bags and their materials	ki-x-še, gir, ki-x-ta, ba-zi
420	7448			6	Sandals	ba-zi
421	6426	I.	19		Bags for the tablet house and for inscribed tablets; containers, sandals, bags, and their materials	ba-an-gar, gir, maškim, ki-x-ta, ba-zi
422	6405	I.	13	10	Sandals, bags, and their materials	maškim, ki-x-ta, ba-zi
423	7487	Sh.	3b	4	Sandals, bag, and their materials	maškim, ki-x-ta, ba-zi, gab-ri
424	7561	I.	15	12	Sandals, bags, and their materials	maškim, gir, ki-x-ta, ba-zi
425	7267	I.	19	3	[?], sandals, bags, and their materials	ba-an-tu(r ₅), gir, ki-x-ta, ba-zi

Text	NBC	Reign	Year	Month	Subject Matter	Key Words
426	7550	I.	9(?)	9	Sandals, shoes, reed items, wooden table, door bars, and their materials	gîr, ba-ab-mîr, ba-ra-kešda, gab-ri
427	6373	I.	8	3	Shoes (?) and their materials	gîr, gab-ri
428	8465	I.	14b	7	Shoes and their materials; reed containers and their bitumen	gîr, ki-x-ta, ba-zi
429	7541	I.	19	2	Donkey harness and its materials; chariot parts (?); bags	[i]-lal, gîr, ki-x-ta, ba-zi
430	8455	I.	13(?)	[...]	Chair, chariot, donkey harness, and their materials	i-lal, maškim, [ki]-x-ta, [ba]-zi
431	8481			7	Container, sandals, shoes, other leather items, bags, and their materials	zi-ga
432	8469	I.	13	2	Chairs, sandals, and their materials	gîr, ki-x-ta, ba-zi
433	7675	I.	19	3	Donkey harness; reed items, chariot (?), shield, oil bag, and their materials	gîr, maškim, ki-x-ta, ba(!)-zi
434	7133	I.	13	10	Chairs and materials for their repairs; reed chair mats and their materials	ba-a-si, gîr, ki-x-ta, ba-zi
435	7196	I.	15	4	Chair; bed and its material; wooden items; bags and their materials	ba-a-si, ba-ra-kešda, gîr, ki-x-ta, ba-zi
436	7169	[...]	[...]	6	Wooden chair and its materials; reed containers and their bitumen	ba-a-si, i-lal, gîr, gá-gá-dè(?), ki-x-ta, ba-zi
437	7543	[...]	[...]	[...]	Chair (?), container and its material; leather for chariot and its repair	ba-a-si, gîr, maškim, ki-x-ta, ba-zi
438	7669	I.	9	2	Chair, bed, cover, whip (?), bags, and their materials	ba-a-si, ba-an-gar, gîr, ba-an-tuk-a, ki-x-[ta], ba-[zi], gab-ri
439	7552	I.	15	10	Wooden chairs, reed chair mats, and their materials; wooden doors, reed items and their bitumen	ba-a-si, gîr, ki-x-ta, ba-zi
440	8907	I.	14b	6	Chairs, sandals and their materials	ba-a-si, gîr, ki-x-ta, ba-zi

Text	NBC	Reign	Year	Month	Subject Matter	Key Words
441	6439	I.	3	10	Drum and its material; bags for silver; bag for a libation (?); reed container and its bitumen	gá-gá-dè, gir, ki-x, ba-zi
442	5648	I.	16	1	Doors, door parts, and their materials	ba-an-gar, [ki]-x-ta, [ba]-zi
443	7171	I.	13	2	Door and its materials; reed items and their bitumen	maškim, gir, ki-x-ta, ba-[zi]
444	7651	Sh.	3b	3	Musical instruments and their materials	ba-a-[si], ki-x-[ta], ba-[zi]
445	7485	I.	19	2	Drum and its materials; sheep leather to be used for singers	ba-a-si, gir, maškim, ki-x-ta, ba-zi
446	6443	I.	16	1	Chariot part and materials for its repair	ba-an-gar, gir, ki-x-ta, ba-zi
447	7441	I.	3	5	Drum head (?), containers and their materials; bitumen for a door	[g]ir, ki-x-ta, ba-zi
448	6513	I.	15	5	Wooden objects, reed items and their materials	ba-a-si, ba-ra-kešda, gir, maškim, ki-x-ta, ba-zi
449	6505	I.	15	5	Duplicate of No. 448	
450	8471				Reed items and their materials; oil bags	gir, ba-zi
451	7663	I.	16	2	Reed mats and their materials; wooden item, reed container and their materials; wooden bed (?)	ba-ab-tag, gir, ba-a-si, gá-gá-dè, ki-x-ta, ba-zi
452	7176	Sh.	1	10	Reed items and their bitumen; reed container and its leather; bags and their materials	gir, ba-a-si, ki-x-ta, ba-[zi]
453	7195	I.	6	12	Garment; bed (?)	ì-lal, ki-x-ta, ba-zi, gab-ri, kišib
454	7444	I.	[...]	2	Leather and <i>še-gín</i> to repair the king's chariot	ba-an-gar, gir
455	7376	I.	13-14a	9, 11, 1	Leather and ?, priced in terms of copper, or copper to be used in processing leather	
456	5637	I.	15	4	<i>še-gín</i> and linen (?) for a chariot	ba-an-gar

Text	NBC	Reign	Year	Month	Subject Matter	Key Words
457	7428	I.	6	12	Goat and sheep leather and <i>še-gín</i> for a chariot	[ba]-an-gar, [gi]r, gab-ri
458	7631	I.	8	2	<i>še-gín</i> and wool for musical instruments (?)	gír, ba-ra-kešda, igi-x-šè
459	7692	I.	15	7	<i>še-gín</i> , sheep leather, bronze, and linen (?) for the king's chariot	ba-ra-kešda, gír
460	7191	I.	6-7	10-6	Copper to process leather for royal sandals (?)	ba-an-gar, sud-sud-dè
461	7610	[...]	[...]	4/11	Leather for wooden items	KEŠDA.DU-dè
462	7515	I.	15	6	<i>še-gín</i> , sheep leather, wool, and silver (?) for a chair	ba-ra-kešda, gír
463	7464	I.	10a	1	Sheep and goat leather for GAB.IG; wool and bitumen for ^{viš} GUD.SI.AŠ; wool for a reed mat	ba-ra-kešda, gír, zi-ga
464	5686	I.	7	8	Hides for a door	ba-ra-kešda, gír, gab-ri
465	5682	I.	10b	12	Bitumen for a sheep leather garment (?)	ba-ab-T[AG(?)]
466	7462			1	Two kinds of wool for two types of GAG; <i>še-gín</i> for ?	gír, ba-ra-kešda, zi-ga
467	7573	Sh.	1	4	Tanning agents; sheep leather and <i>še-gín</i> for the goldsmith's shop	ba-ra-su, gír
468	5674	I.	17b	12-4	Sheep leather for bags	ba-ab-MIR
469	7075	I.	7	10	<i>še-gín</i> for royal shoes	ba-an-su
470	7220		D	11	Sheep leather for the goldsmith's shop; goat leather for a reed container (?) ; tanning agents	KEŠDA.NE-dè (!)
471	7112	I.	17b	6	Sheep leather to wrap gold rings for four deities	gá-gá-dè, gír
472	7507		D	13	Sheep leather to wrap silver	gá-gá-dè, gír
473	7600	I.	7	10	Goat leather for ?; bed (?)	gír
474	6404	I.	12-13	2-12	Skins	ki-x-ta, in-da-gál
475	7044				Letter written in a mixture of Akkadian and Sumerian	a-na . . . qí-bí-ma, ki-x, šu-ba-ti
476	8940			7	Skins	ki-x-ta, gír
477	8954	I.	8	13	Doors and their materials; oxhide for ?	ba-an-[gar], ba-ab-MIR, igi-x-šè, ba-ra-kešda, gír, gab-ri
478	7082	I.	6	6	Bitumen	šu-ba-an-ti, ki[šib], gab-ri dub-ba

Text	NBC	Reign	Year	Month	Subject Matter	Key Words
479	7111	I.	18b	7	Bags containing certain amounts of bitumen	gìr, šu-ba-an-ti
480	5609	I.	7	8	Reed chair mats and their bitumen	gìr
481	6489			13	Wool	ki-x
482	7162	I.	11b	12	Two kinds of wool for <i>višhum</i> (boat part?)	
483	7248			13	Wool for a sheep leather garment (?)	gìr
484	7627	I.	9		Wool	é-dub-ba-ta, šu-ba-an-ti
485	7125	I.	16	2	Bitumen for PEŠ	gìr
486	6357	I.	15	4	Letter; bags for <i>še-gín</i> (?)	hé-na-ab-sum-mu
487	6485				Tag listing stones (?)	i-in-gál
488	7460			10	Leather for a sheep leather garment (?)	
489	7676	I.	15	4	Hides, skins, and materials for tanning them; <i>še-gín</i> ; wool	
490	7518		D	9	Materials for reed containers	
491	8938	I.	2	[...]	Materials for a chariot, bags, reed containers, a bed and a chair	gìr, zi-ga
492	7560	I.	4		Pay list	
493	6474	I.	11b	9	Bitumen	é-dub-ba-ta, šu-ba-an-ti, gab-ri, kišib
494	5650	I.	6	4	Wooden item for ?	šu-ba-an-ti, ki-x-ta, ba-zi
495	6444	I.	11b	1-12	Pay list (?)	
496	7401	I.	8	3	Musical instruments (?)	igi-x-šè, gír, ki-x (?)
497	7523	I.	8	2	Reed mats	gír
498	7618	I.	19	10	Bitumen for a door	é-dub-ba-ta, šu-ba-an-ti, gab-ri dub-ba
499	8477	I. (?)	19 (?)	8	Chairs and beds	gír
500	7386	I.	19	1	Wool	é-dub-ba-ta, mu-x-šè, kišib
501	5642	I.	19	2	Wool	ki-x-ta, šu-ba-an-ti
502	9757*			7	Wooden items	ki-x, šu-ba-an-ti
503	8413	I.	11b-12b		Tag for a tablet container	zi-ga, ki-x, i-gál
504	6394	I.	12b	6	Pay list	
505	7377	I.	10b	11	Sesame oil for a door	mu-x-šè, ki-x-ta, [m]u-du
506	7089	I.	19		Reed baskets (?)	

Text	NBC	Reign	Year	Month	Subject Matter	Key Words
507	7194	I.	14b	3	Weapons for the weapon house (?)	é-dub-ba giš-kin-ti-ta, šu-ba-an-ti
508	8460	I.	5	4	Pay list	
509	7504		C	12	Beer and meal	
510	8438	I.	14b	9	Garment (?)	ki-x-ta, šu-ba-an-ti
511	7064	I.	5	3	Bitumen	šu-ba-an-ti, kišib, gab-ri
512	6469	I.	14b	1-2	Oil	dub-ba
513	7570		G (?)	10	Pay list	gab-ri, kišib
514	7436		G (?)	10	Pay list	
515	7180		G (?)	6(!)	Pay list	
516	6367		G (?)	1(!)	Bitumen	ba-zi
517	7371	Sh.	2	2	Wool (?)	é-dub-ba-ta, šu-ba-an-ti, gab-ri, kišib
518	7425	I.	16	12	Wool	gir
519	7606	Sh.	3b	4	Materials for reed containers and a reed table (?)	
520	7390	Sh.	3b	5	Pay list	
521	7208	Sh.	2	9	List of days on which tablets were written	
522	8452	I.	2	6	Pay list	
523	7380		K	2	Reed tablet container and its bitumen	gir
524	7129	I.	19(?)	9	Combed wool	šu-ba-an-ti
525	7066	I.	9	12	Reed door mat and its bitumen	ba-ab-mir, ba-a-du, gir
526	6363	I.	10a	1	Wool for a garment	ki-x-ta, šu-ba-an-ti
527	7355	I.	9	2	Pay list	
528	7433		D	5	Report of no transactions	nu-ub-tuk
529	7237		D	2	Reed item	
530	7097		D	1	Reed items	
531	8487		D	9	Reeds and wooden dowels	mu-du
532	7611	I.	17a	1	Reed items, reed door mat, bags, musical instruments (?), and their bitumen	ki-x
533	6428	I.	3	8	Pay list	
534	7438	I.	17a	1	Reed door mats together with various wooden items and their bitumen	
535	7228	I.	15	5-6	Record of debits and their copies for two months	zi-ga-àm ù gab-ri-bi i-gál

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ki-x-ta, ki-x<-ta>/[-ta]*, <ki->/[ki-]x-ta**, Nos. 1-15, 17-26, 27*, 28, 29-31*, 32, 33*, 34, 35*, 36, 37-38*, 39-50, 50*, 51-53, 55-68, 86-102, 107-124, 125*, 145*, 146, 147, 148*, 149, 151, 164-165**, 181, 232*, 282, 295**, 303**, 355**, 363, 365-367, 368*, 370, 371, 372*, 373, 374*, 375-385, 387-389, 390*, 391, 392, 395-399, 401, 403-407, 408**, 409-419, 421-425, 428-430, 432-440, 441*, 442-449, 451-453, 474, 475*, 476, 481*, 494, 496*, 501, 502-503*, 505, 510, 526, 532*

lal,

ba-lal, Nos. 103, 126, 248

ì-lal, Nos. 129, 257, 395, 397, 417, 429, 430, 436, 453

lal-ni, No. 150

maškim, see "Officials, Occupations, and Functions"

mu-du, see under du

mu-x-šè, mu-x<-šè>*, Nos. 34, 71, 74, 77, 110*, 121, 122, 125, 137, 140, 147-149, 153, 155-158, 180*, 181*, 188, 189, 232, 240, 327*, 500, 505

nu-ub-tuk, see under tuk

qabūm, see under a-na . . . qí-bí-ma

ra, see under kišib

si,

ba-an-si, No. 391

ba-a-si, Nos. 35, 199, 234, 256, 259, 342, 352, 355-357, 360-362, 391, 395, 398, 434-440, 444, 445, 448-452

sig,

[ba-sig]-ga-a, No. 152

su,

ba-an-su, No. 469

ba-ra-su, No. 467

SUD.SUD-dè, No. 460

sum

hè-na-ab-sum-mu, No. 486

šu-ba-an-ti, Nos. 40-75, 77-87, 89-96, 98-105, 107-109, 111-113, 115-126, 128, 129, 478, 479, 484, 493, 494, 498, 501, 502, 507, 510, 511, 517, 524, 526

šu-ba-an-ti-eš, su-ba-an-ti-éš*, Nos. 88, 114*

šu-ba-ti, Nos. 97, 106, 110, 127, 475

tag,

ba-ab-tag, Nos. 343, 362, 376, 377, 391, 451, 465 (?)

TAḪ,

ba-ab-TAḪ, No. 372

tuk,

ba-an-tuk-a, No. 438

nu-ub-tuk, No. 528

tu(r₆),

ba-an-tu(r₆), Nos. 399, 425

ba-an-tu-ra, No. 240

ù-na-a-dug₄, see under dug₄

zi,

ba-zi, Nos. 363, 365-368, 370-385, 387, 388, 390-392, 395-399, 401, 403-425, 428-430, 432, 433 (!), 434-453, 494, 516

ba-zi-zi, No. 389

zi-ga, Nos. 150, 369, 386, 431, 463, 466, 491, 503

zi-ga-àm, No. 535

zi-ga, see under zi

zi-ga-àm, see under zi

REGISTER OF THE OCCURRENCES OF THE SEAL IMPRESSIONS

Copy	Text	Copy	Text	Copy	Text	Copy	Text
A	13	B	383	F	118	M	422
B	36		384	G	370		434
	345		421	H	123		528
	346		430	I	124	N	475
	347		443	J	129	O	484
	350		448	K	146		501
	357		451	L	370	P	502
	362	C	88		371	Q	507
	363	D	108		373	R	510
	365		109	M	382	S	125
	370		111		397	T	528
	373	E	116		398	U	421

Indistinct seal impression 486

REGISTER OF THE MUSEUM NUMBERS OF THE TEXTS

NBC	Text	NBC	Text	NBC	Text
5602	27	5655	331	5687	256
5603	199	5656	8	5774	372
5609	480	5657	106	6355	110
5618	273	5663	175	6356	261
5620	132	5664	230	6357	486
5621	244	5665	145		
5625	302	5666	69		Indistinct seal impression
5626	6	5667	11	6360	114
5627	243	5670	170	6363	526
5628	54	5673	274	6364	38
5633	20	5674	468	6366	400
5634	19	5675	320	6367	516
5635	260	5676	171	6368	41
5636	235	5677	186	6371	91
5637	456	5678	237	6373	427
5641	363	5679	5	6376	104
	Seal impression B	5680	340	6378	80
5642	501	5681	277	6379	18
	Seal impression O	5682	465	6381	21
5647	349	5683	330	6383	96
5648	442	5684	352	6384	351
5650	494	5685	358	6385	216
5653	332	5686	464	6388	376

NBC	Text	NBC	Text	NBC	Text
6389	32	6472	191	7080	4
6391	268	6474	493	7081	60
6394	504	6475	279	7082	478
6395	102	6480	200	7083	189
6398	56	6483	284	7086	314
6399	100	6485	487	7087	108
6400	276	6486	180	Seal impression D	
6401	92	6489	481	7088	126
6402	275	6491	66	7089	506
6403	42	6505	449	7095	30
6404	474	6508	281	7096	93
6405	422	6513	448	7097	530
Seal impression M		Seal impression B		7100	94
6407	87	6521	101	7101	73
6408	3	6522	98	7102	245
6409	9	6524	389	7103	97
6410	86	7044	475	7104	323
6411	82	Seal impression N		7105	62
6412	403	7045	113	7107	31
6421	111	7046	254	7108	322
Seal impression D		7047	117	7111	479
6423	127	7048	264	7112	471
6425	262	7050	43	7113	77
6426	421	7051	313	7114	7
Seal impressions B, U		7052	39	7115	338
6428	533	7053	239	7116	47
6435	413	7054	107	7117	131
6438	377	7055	303	7119	48
6439	441	7056	64	7123	49
6440	224	7057	119	7124	266
6441	130	7058	95	7125	485
6443	446	7059	28	7126	304
6444	495	7060	167	7127	246
6445	345	7064	511	7128	52
Seal impression B		7066	525	7129	524
6452	1	7067	10	7130	249
6453	385	7068	137	7132	181
6459	278	7069	70	7133	434
6460	45	7071	204	Seal impression M	
6462	55	7072	75	7134	383
6463	22	7074	44	Seal impression B	
6469	512	7075	469	7137	150
6470	2	7076	259	7139	83
6471	135	7079	46	7141	50

NBC	Text	NBC	Text	NBC	Text
7143	63	7208	521	7361	35
7145	280	7209	412	7363	65
7147	341	7210	308	7364	51
7149	152	7211	346	7367	85
7150	252	Seal impression B		7369	205
7151	174	7214	324	7370	362
7152	232	7219	366	Seal impression B	
7153	124	7220	470	7371	517
Seal impression I		7222	194	7372	81
7154	356	7223	147	7373	141
7157	169	7224	283	7374	161
7159	342	7226	133	7375	374
7160	348	7228	535	7376	455
7161	134	7230	198	7377	505
7162	482	7231	59	7378	173
7163	184	7232	195	7379	394
7165	386	7235	258	7380	523
7166	390	7237	529	7381	271
7169	436	7238	176	7382	146
7171	443	7240	68	Seal impression K	
Seal impression B		7241	148	7383	406
7172	312	7242	196	7384	282
7176	452	7245	217	7385	319
7180	515	7246	71	7386	500
7181	350	7248	483	7387	109
Seal impression B		7249	74	Seal impression D	
7182	371	7251	321	7389	240
Seal impression L		7253	251	7390	520
7184	183	7254	354	7392	328
7188	357	7256	211	7393	367
Seal impression B		7257	285	7395	393
7191	460	7258	335	7397	212
7192	378	7259	242	7399	136
7194	507	7260	23	7401	496
Seal impression Q		7261	337	7402	13
7195	453	7264	395	Seal impression A	
7196	435	7265	37	7403	34
7198	361	7267	425	7405	257
7202	416	7354	318	7406	72
7204	129	7355	527	7407	272
Seal impression J		7356	163	7409	164
7206	405	7358	359	7410	253
7207	347	7359	99	7411	88
Seal impression B		7360	178	Seal impression C	

NBC	Text	NBC	Text	NBC	Text
7413	241	7481	360	7545	388
7414	154	7482	396	7547	417
7415	153	7485	445	7549	316
7420	158	7487	423	7550	426
7421	76	7488	192	7551	382
7422	255	7489	179		Seal impression M
7423	250	7490	140	7552	439
7424	218	7491	155	7553	370
7425	518	7492	193		Seal impressions
7426	166	7495	206		B, G, L
7427	236	7496	197	7554	368
7428	457	7497	139	7560	492
7430	125	7499	369	7561	424
	Seal impression S	7500	84	7563	234
7432	287	7501	143	7564	392
7433	528	7503	159	7565	238
	Seal impressions	7504	509	7566	123
	M, T	7506	16		Seal impression H
7434	325	7507	472	7567	214
7436	514	7509	168	7570	513
7438	534	7511	288	7573	467
7440	270	7513	144	7576	286
7441	447	7514	67	7579	379
7443	307	7515	462	7580	381
7444	454	7516	24	7581	36
7445	219	7517	227		Seal impression B
7446	228	7518	490	7582	404
7447	220	7520	149	7583	380
7448	420	7521	364	7584	269
7449	187	7523	497	7585	138
7451	120	7524	58	7586	203
7453	207	7525	208	7587	315
7455	215	7526	336	7588	353
7458	229	7528	160	7589	210
7460	488	7529	172	7590	15
7461	29	7531	202	7591	290
7462	466	7532	221	7592	263
7464	463	7533	289	7594	213
7465	112	7538	334	7595	33
7466	231	7540	397	7596	12
7469	121		Seal impression M	7600	473
7470	122	7541	429	7601	247
7476	151	7542	407	7606	519
7478	343	7543	437	7607	182

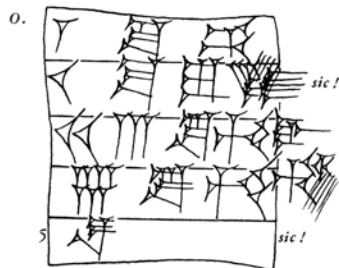
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7611	532	8021	294		Seal impression B
7612	201	8137	317	8469	432
7613	410	8297	408	8470	327
7614	222	8411	61	8471	450
7615	156	8412	418	8472	375
7616	25	8413	503	8474	301
7618	498	8415	57	8477	499
7619	90	8416	185	8479	103
7622	291	8417	157	8480	226
7623	310	8418	296	8481	431
7625	311	8419	14	8482	128
7626	89	8420	295	8483	384
7627	484	8421	297		Seal impression B
	Seal impression O	8423	298	8485	402
7630	162	8424	344	8487	531
7631	458	8427	299	8488	40
7632	305	8431	300	8490	177
7633	415	8432	26	8498	333
7634	209	8434	225	8501	190
7641	292	8436	387	8502	79
7644	248	8437	118	8518	165
7645	419		Seal impression F	8522	309
7647	339	8438	510	8523	115
7649	355		Seal impression R	8851	17
7650	293	8440	398	8853	105
7651	444		Seal impression M	8854	142
7654	116	8447	409	8855	265
	Seal impression E	8448	411	8856	78
7662	306	8451	373	8857	53
7663	451		Seal impressions	8858	223
	Seal impression B		B, L	8907	440
7667	414	8452	522	8934	391
7668	399	8455	430	8938	491
7669	438		Seal impression B	8940	476
7675	433	8458	326	8954	477
7676	489	8459	401	YBC	
7692	459	8460	508	9757	502
7719	267	8461	233		Seal impression P
7720	188	8465	428		

AUTOGRAPHED TEXTS

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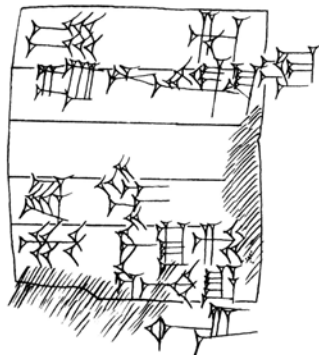
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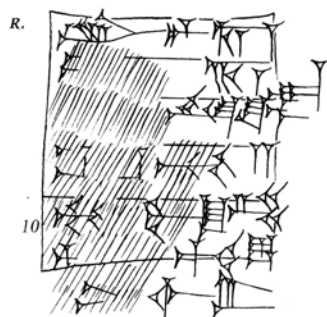
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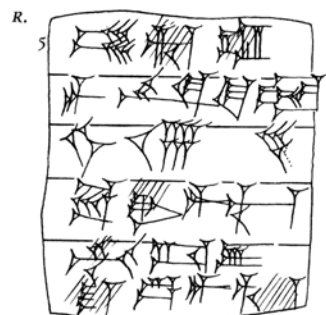
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R.



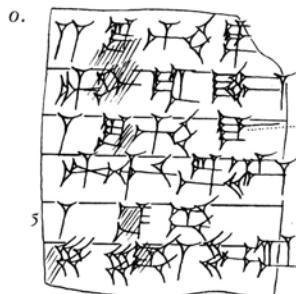
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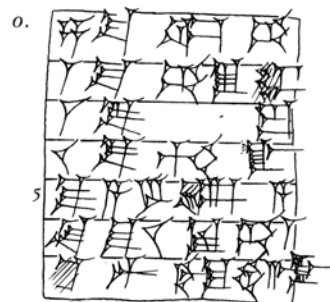
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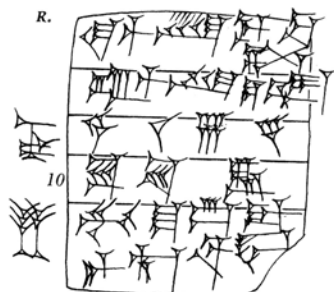
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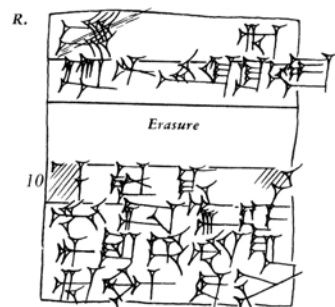
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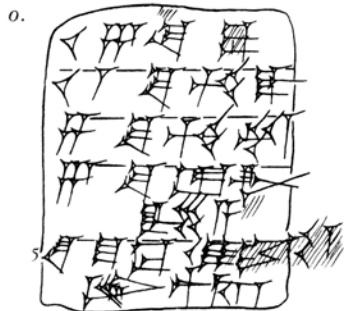
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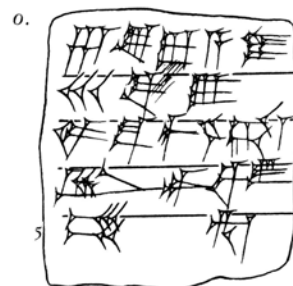
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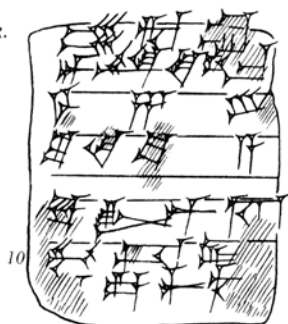
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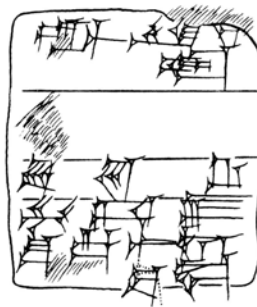
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R.



R.



10

O.



11

O.

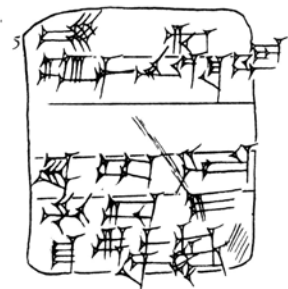


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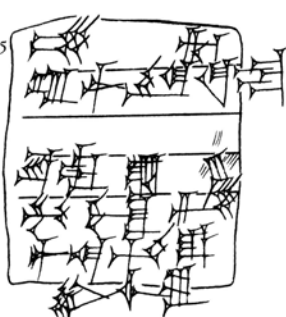
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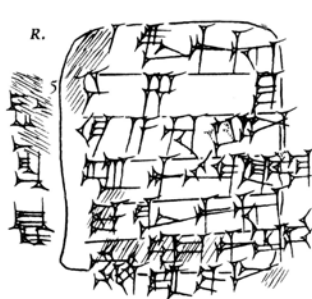
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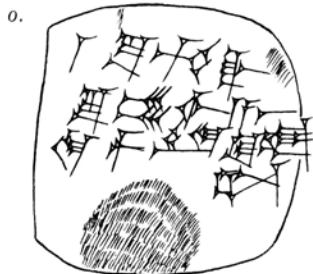
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13

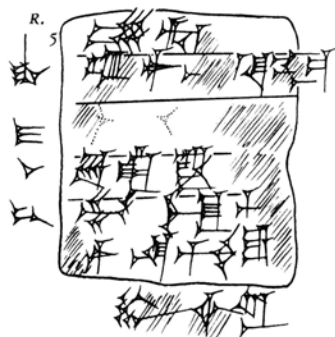
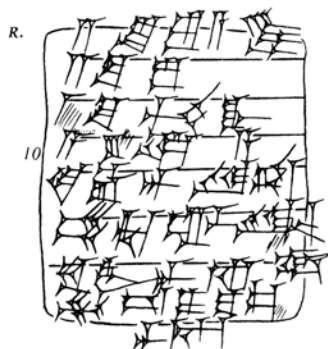


Seal impression A

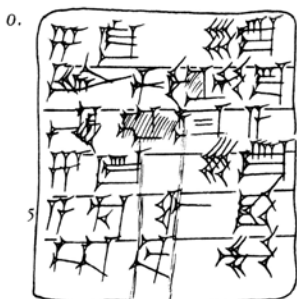
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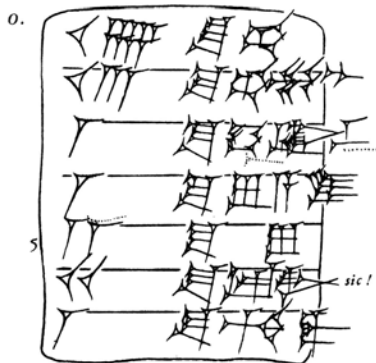
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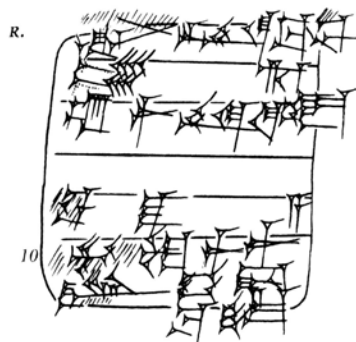
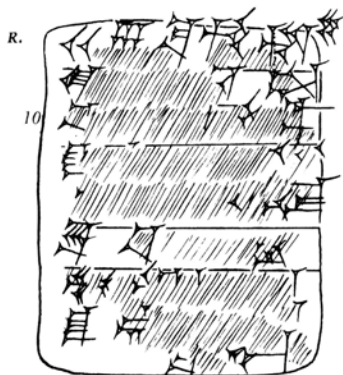
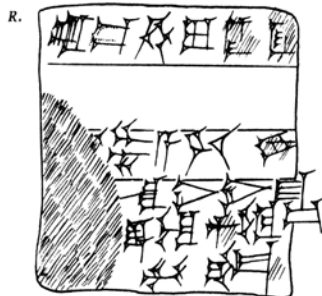
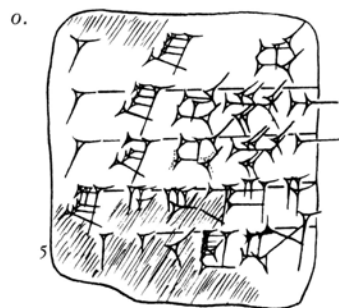
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17



18



L. E.

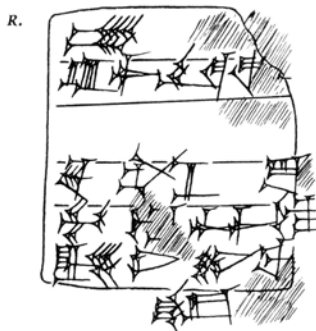
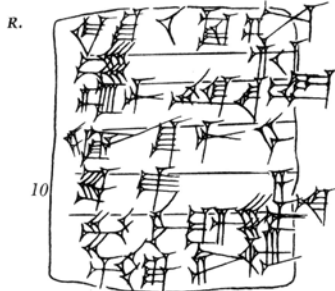
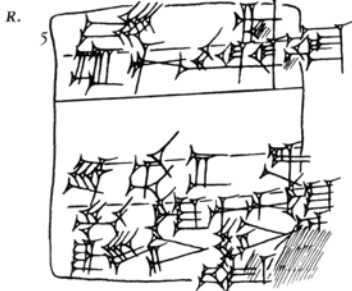
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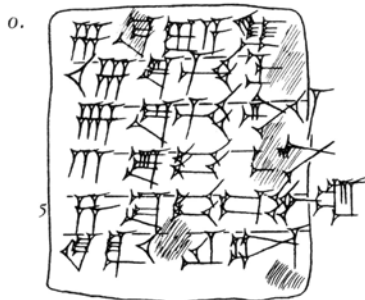
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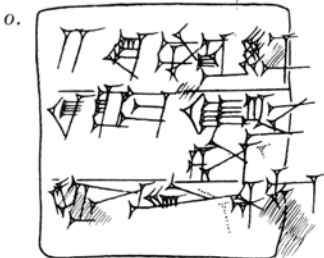
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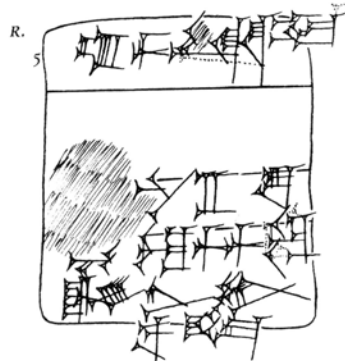
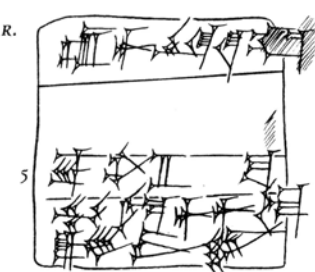
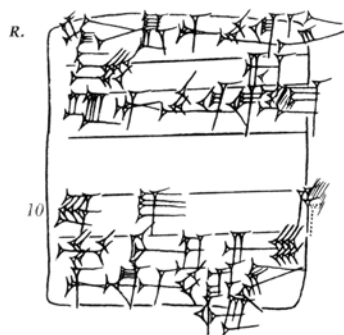
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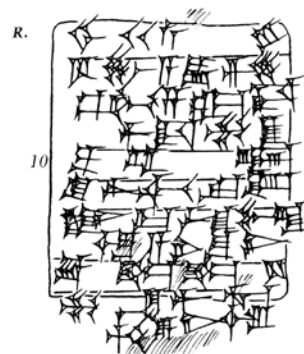
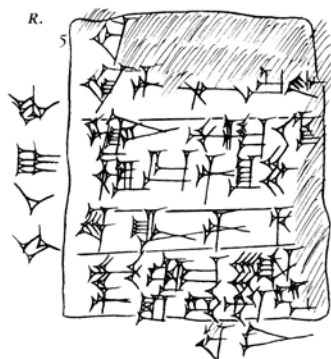
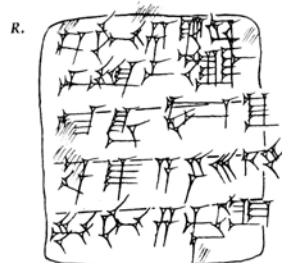
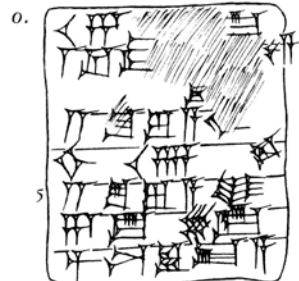
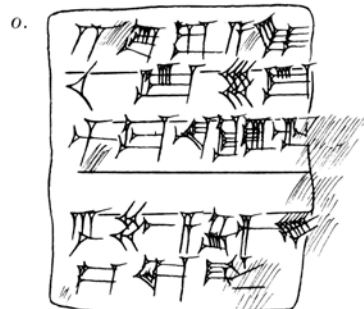
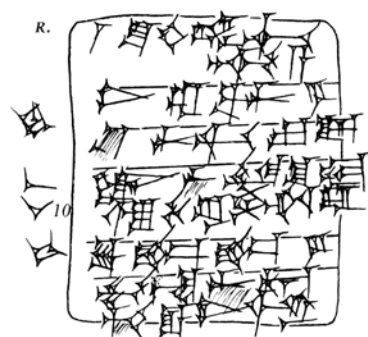
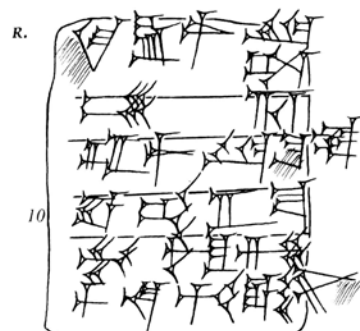
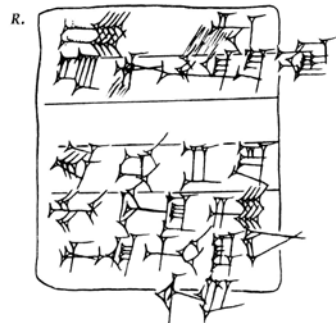
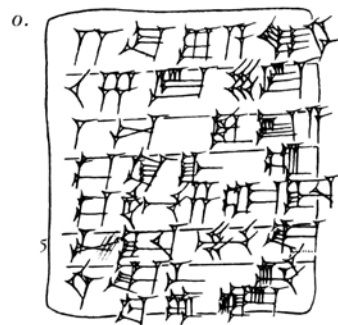
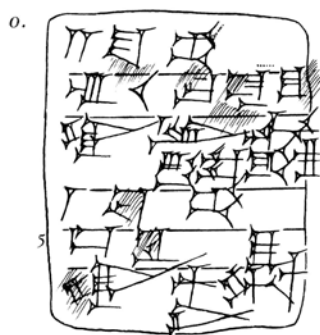
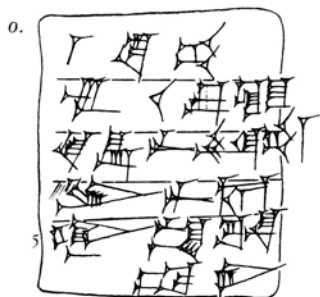


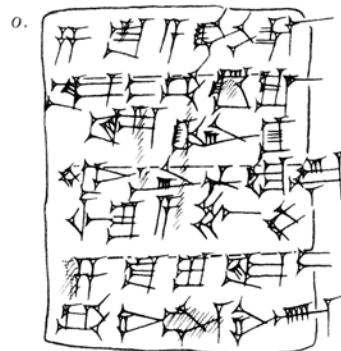
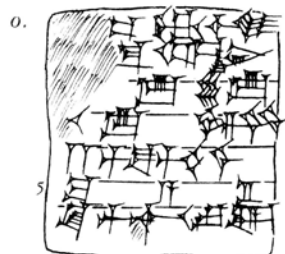
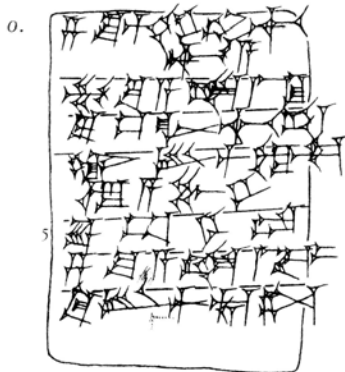
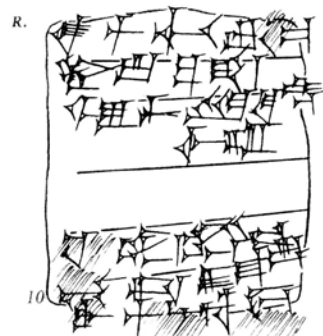
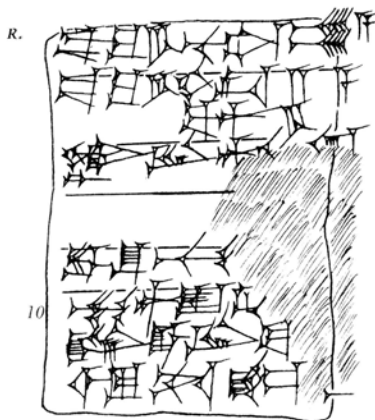
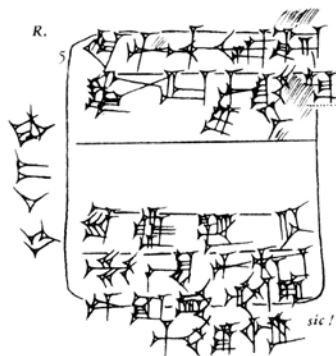
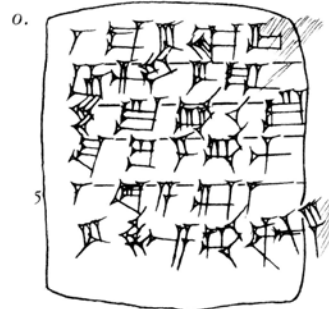
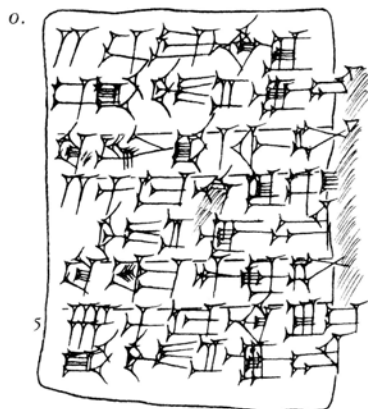
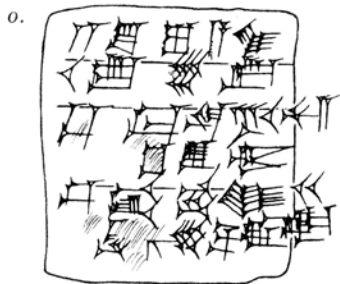
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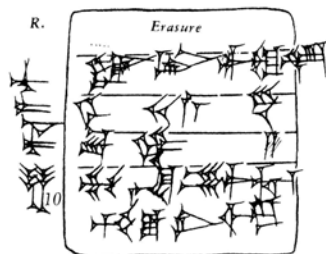
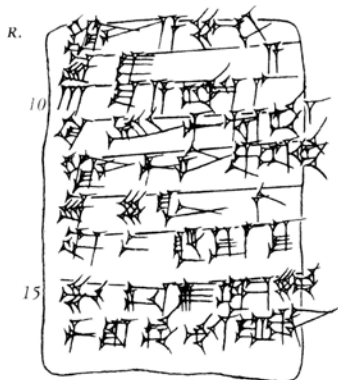
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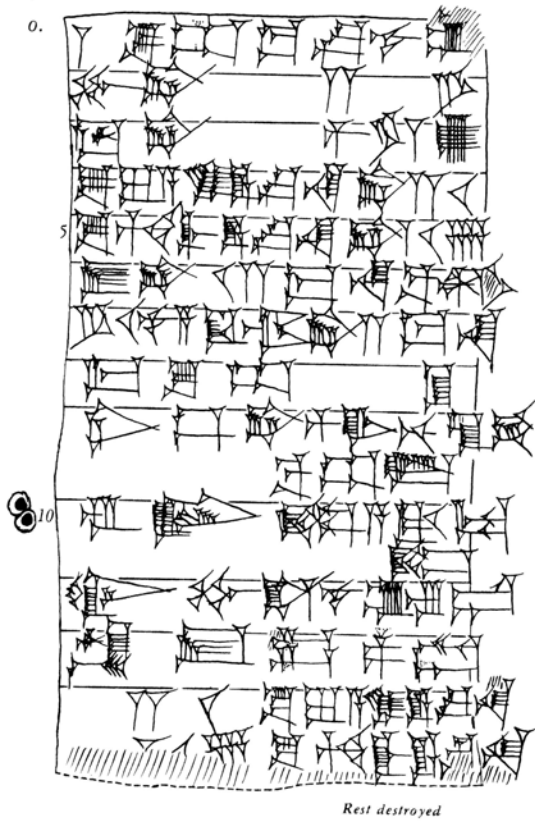




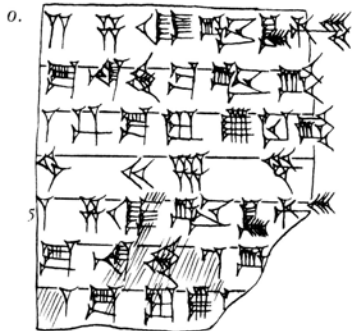


Seal impression B heavily impressed

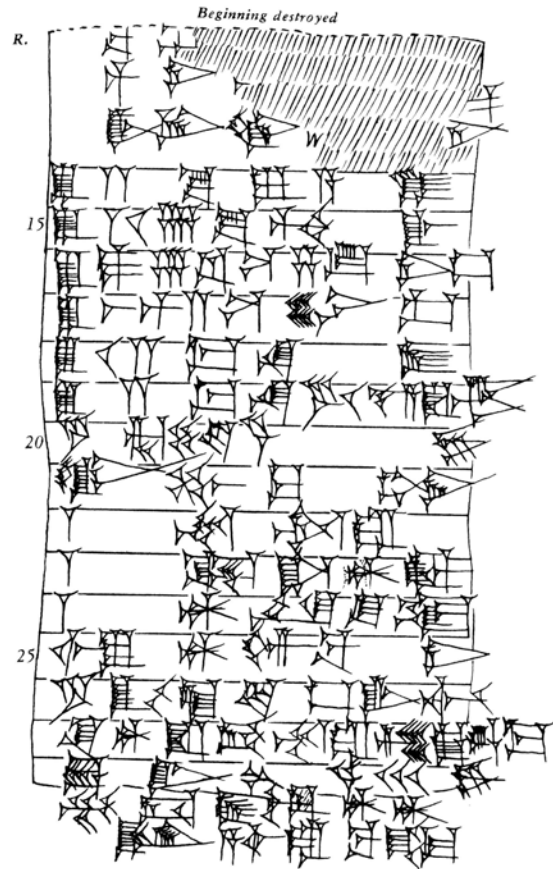




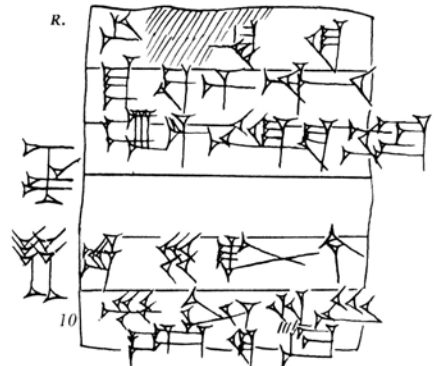
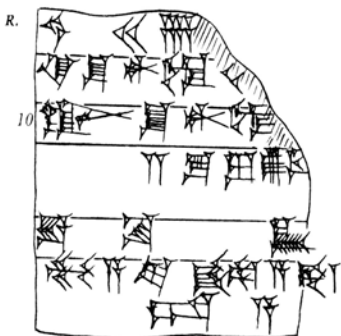
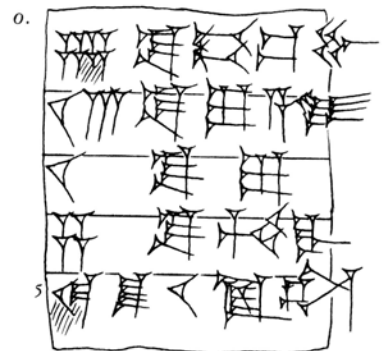
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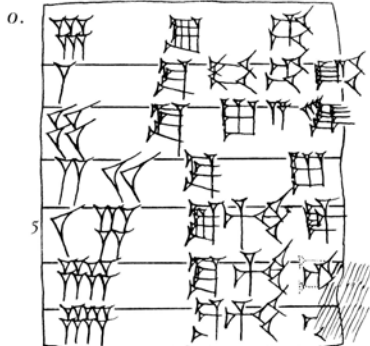
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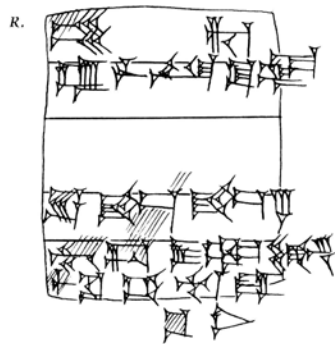
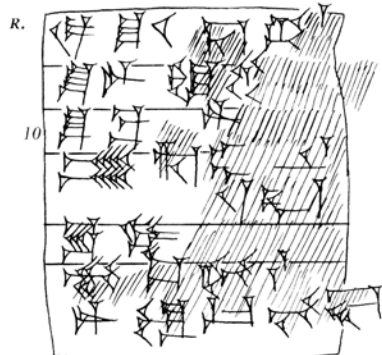
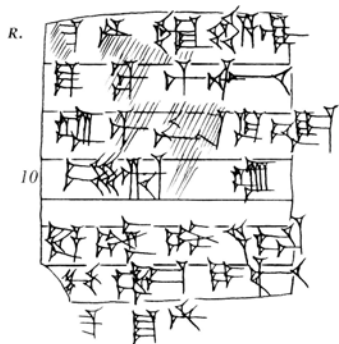
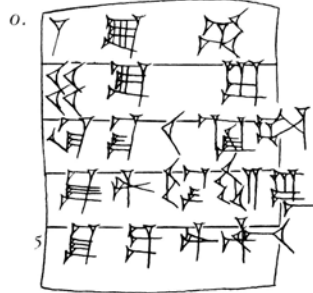
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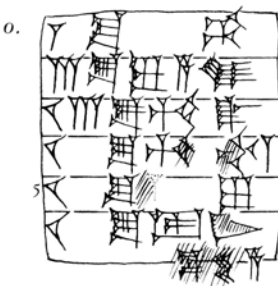
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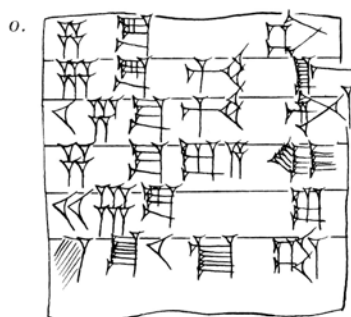
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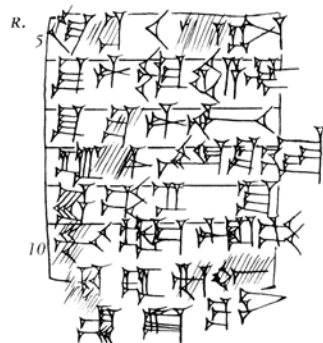
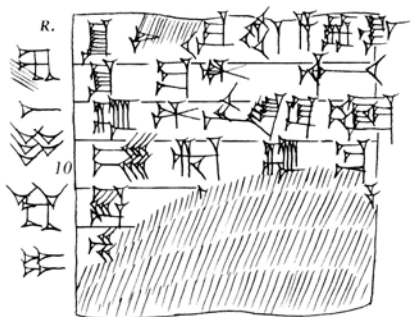
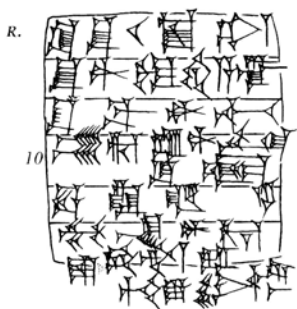
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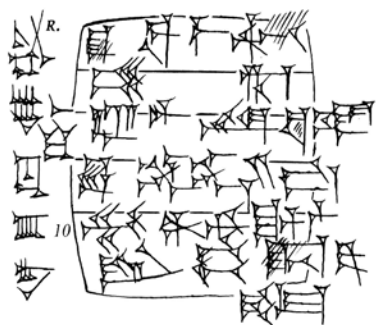


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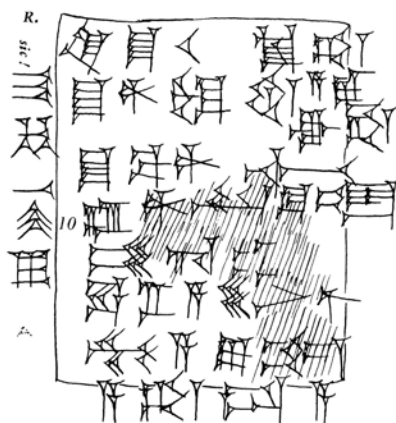
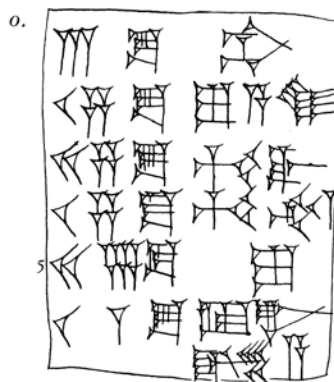
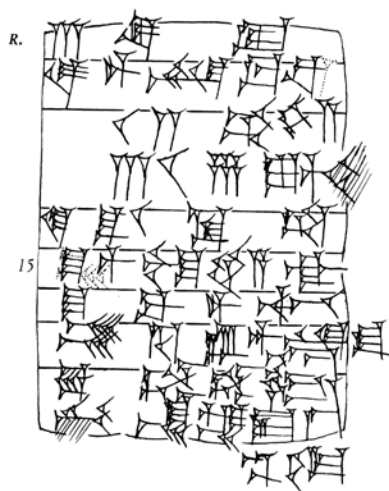
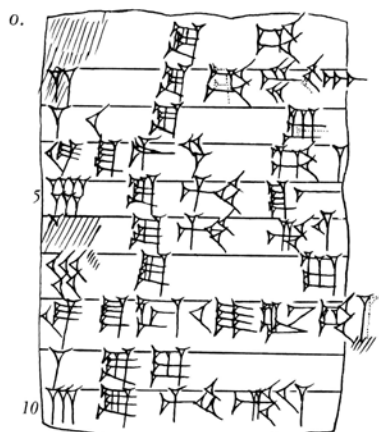


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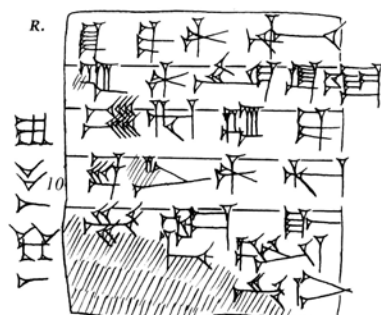
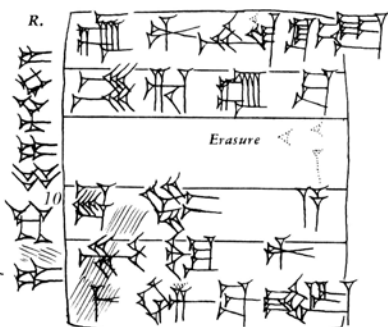
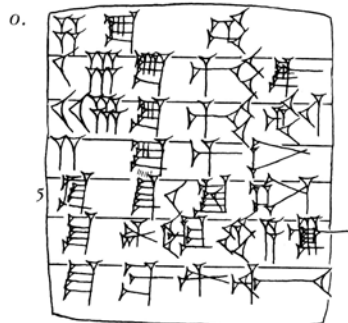




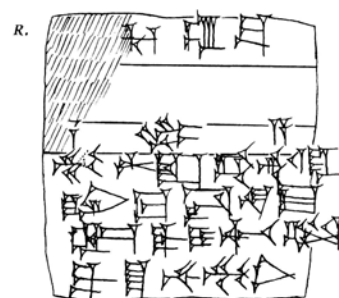
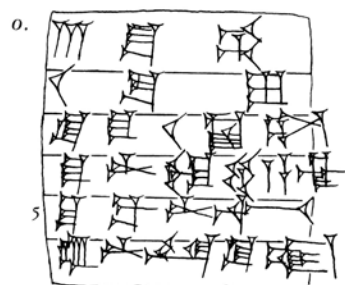
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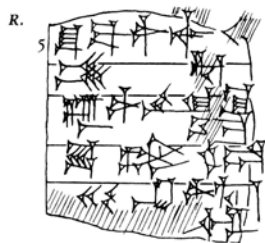
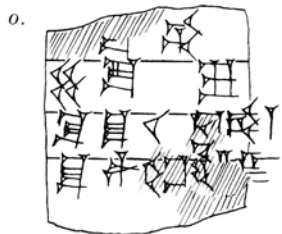


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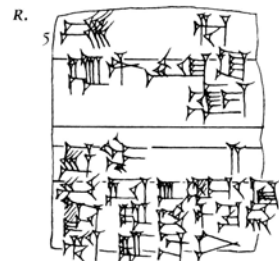


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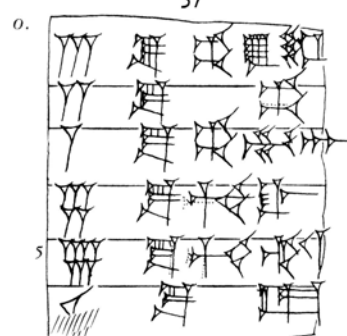
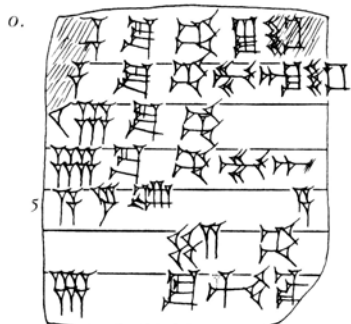




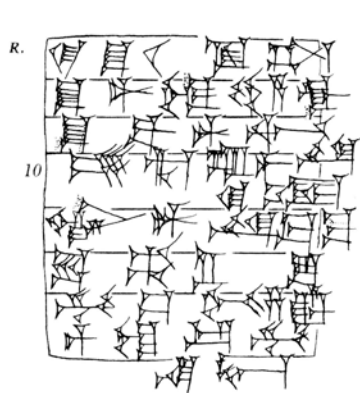
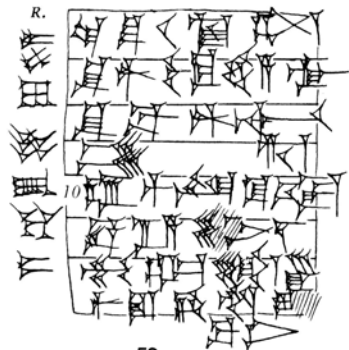
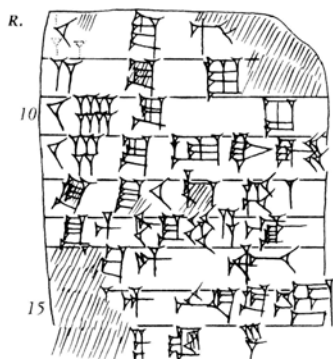
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56

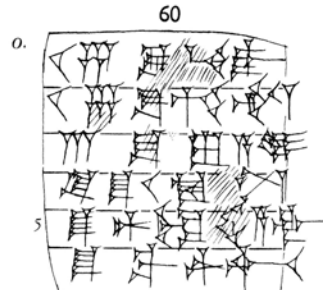
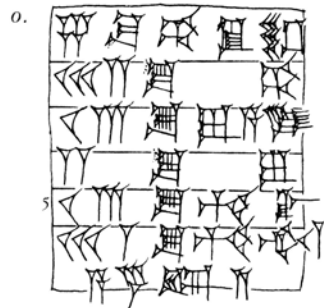


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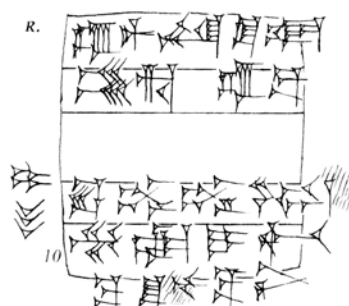


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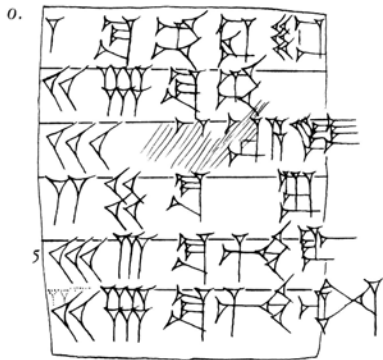
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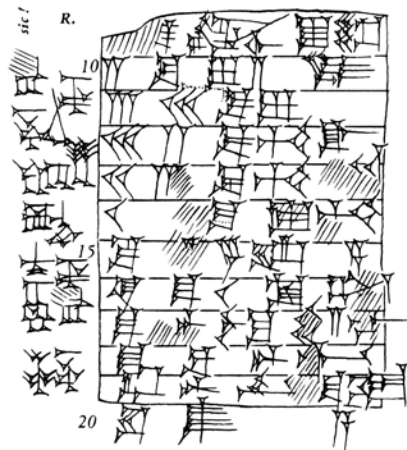
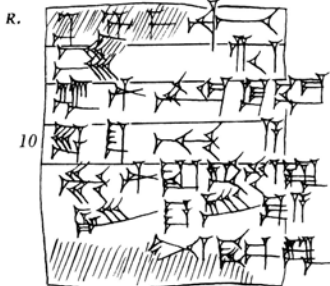
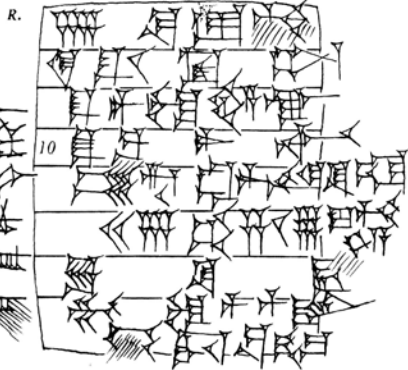
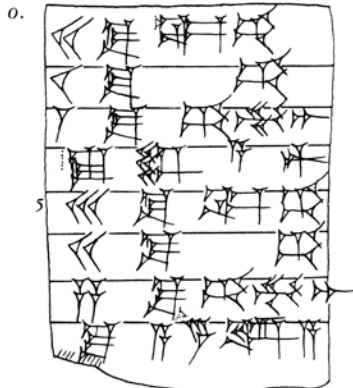
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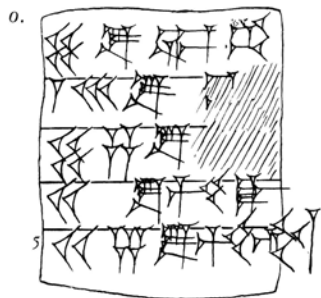
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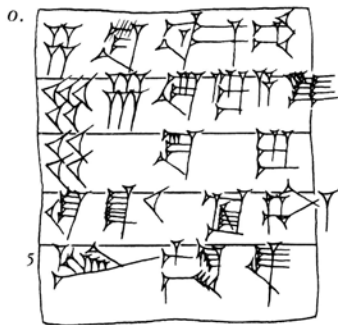
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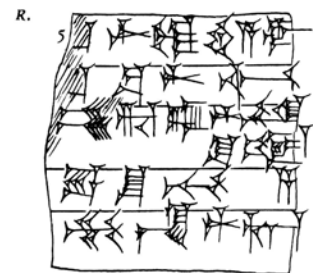
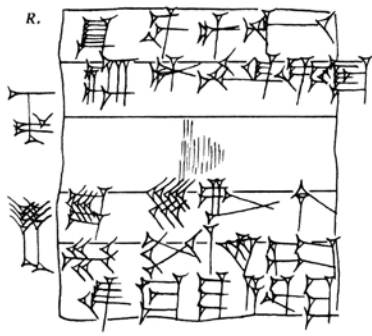
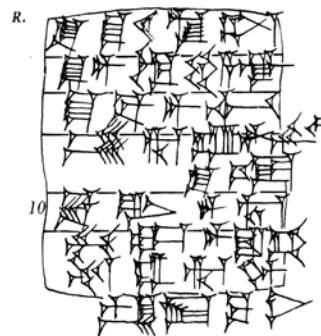
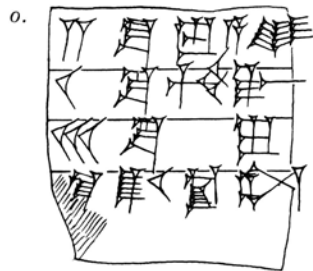
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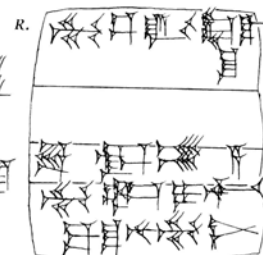
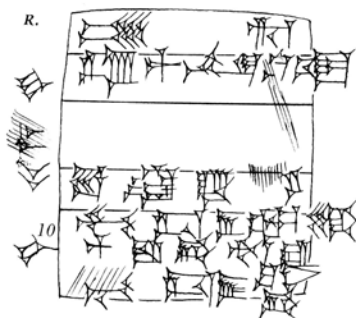
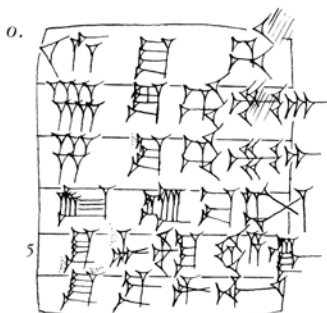
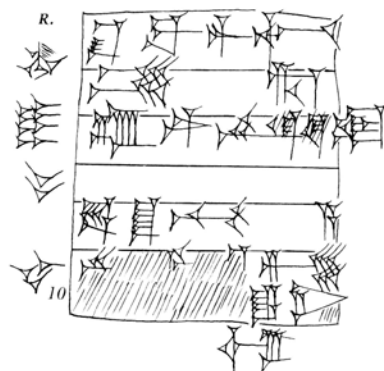
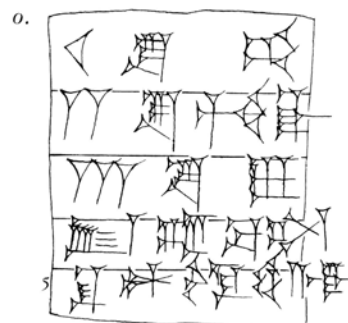
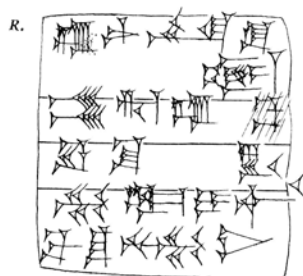
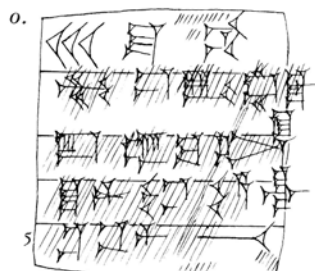
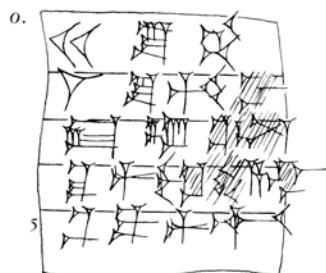
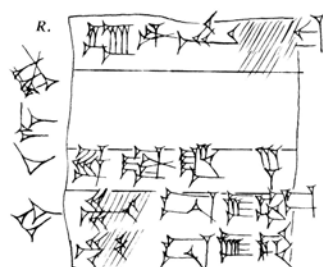
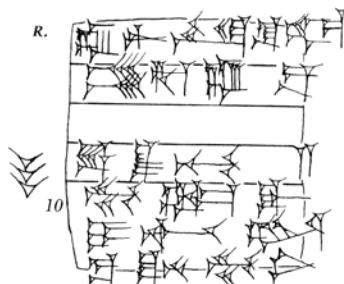
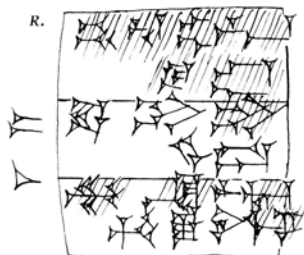
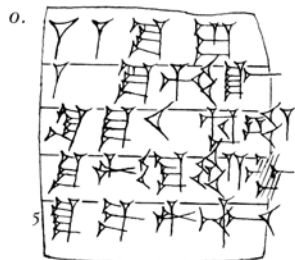


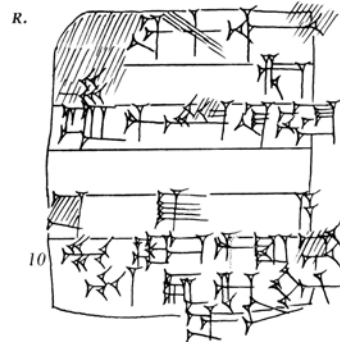
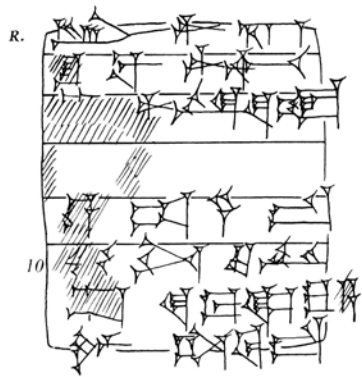
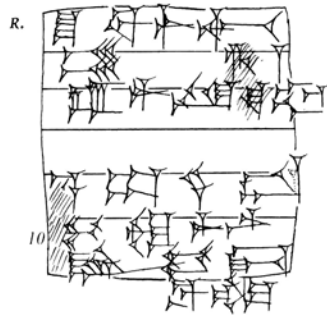
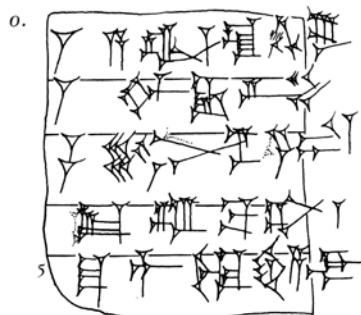
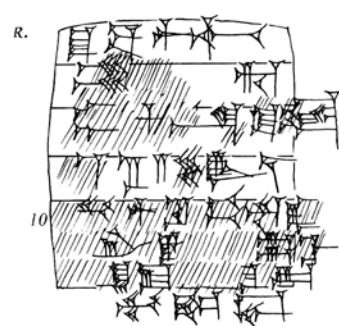
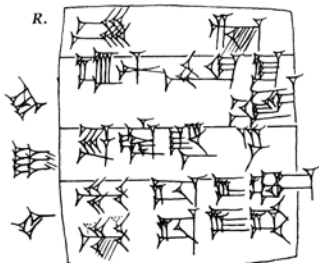
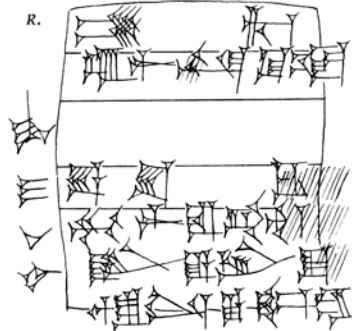
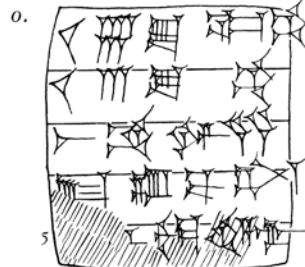
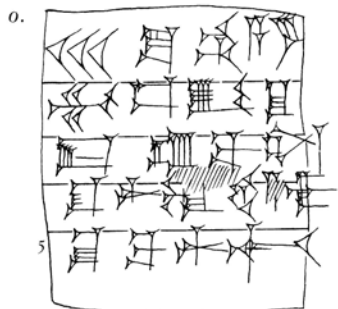
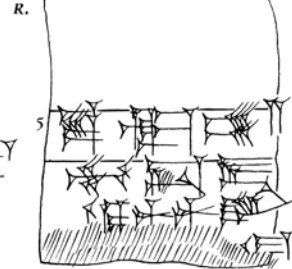
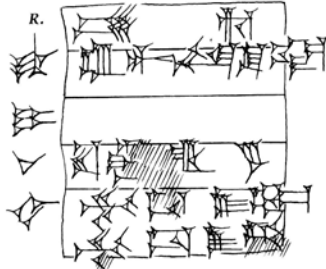
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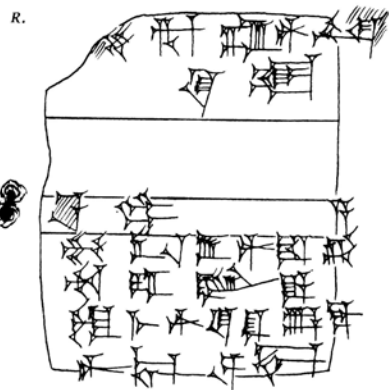
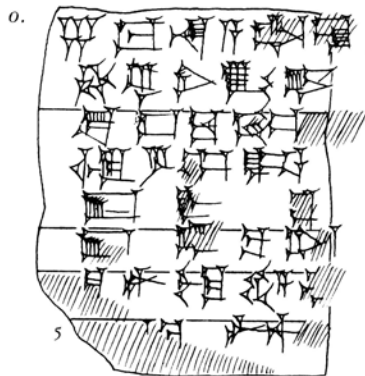


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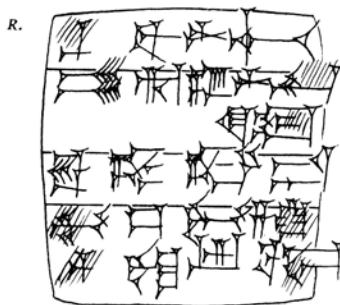
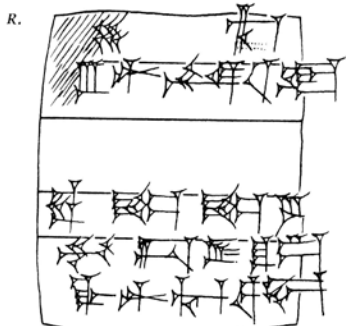
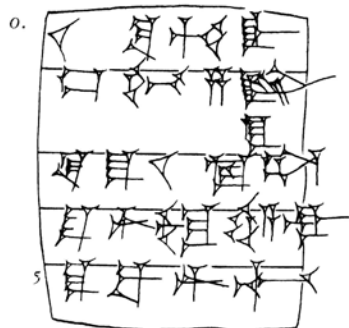




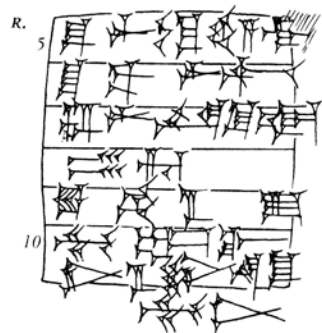
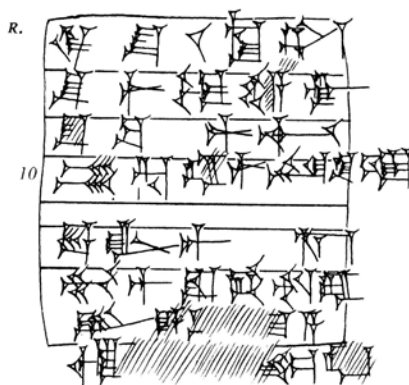




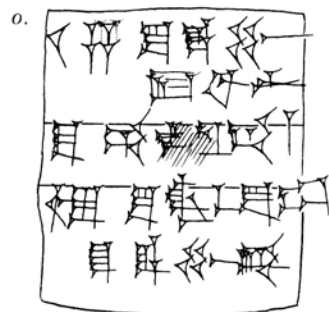
86



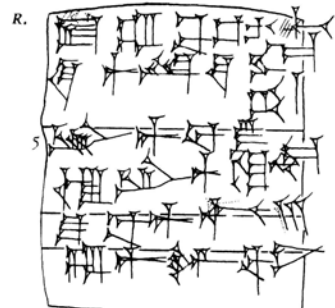
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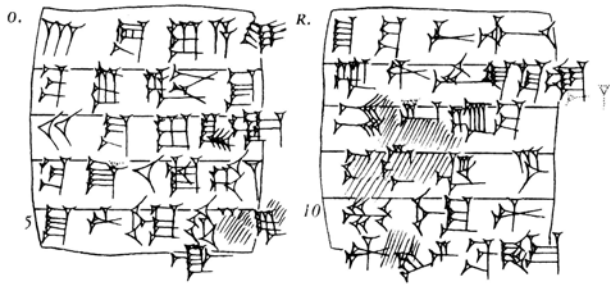


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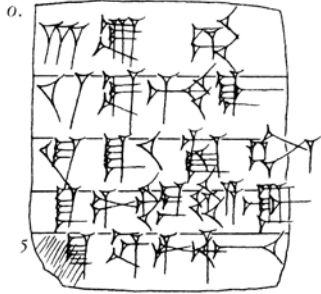


Seal impression C

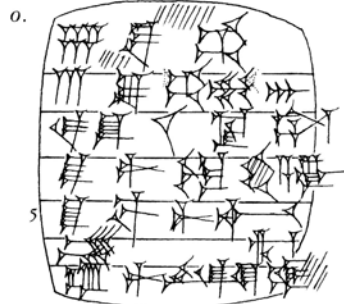




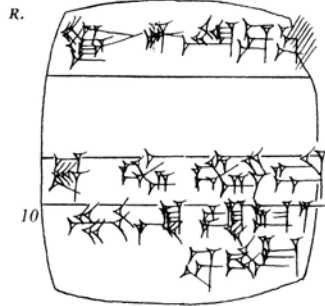
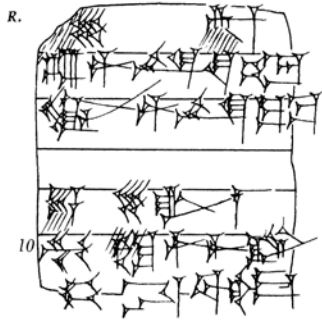
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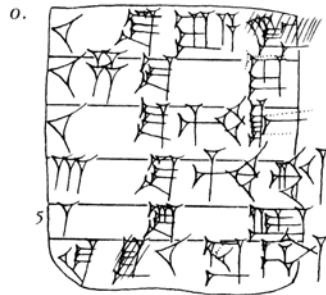
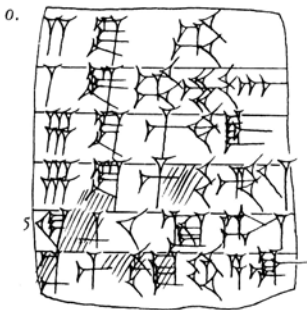


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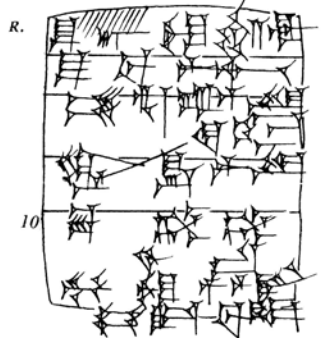
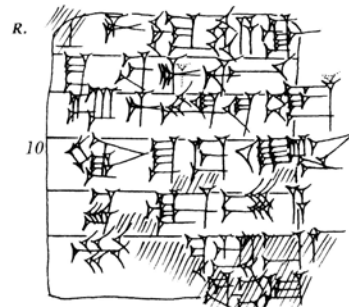
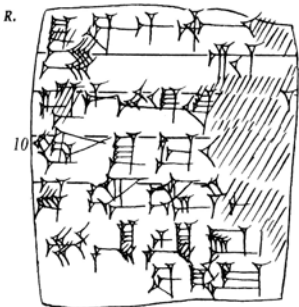


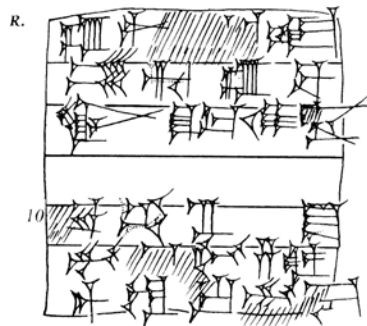
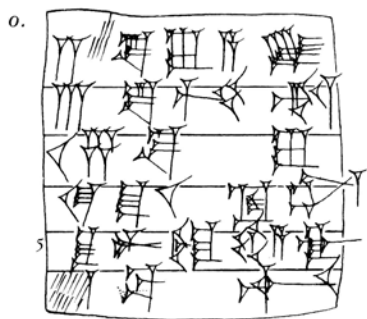
94

95

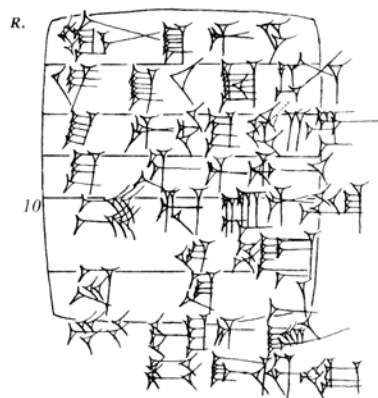
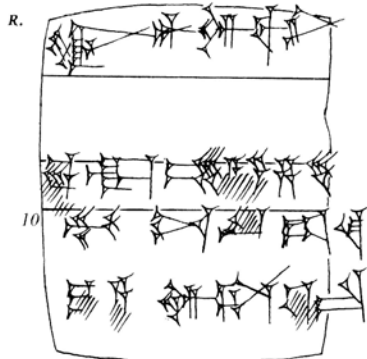
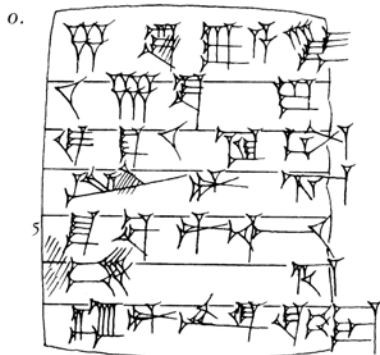


96

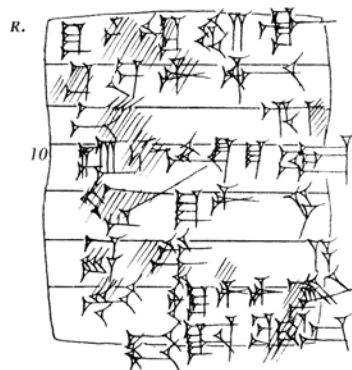




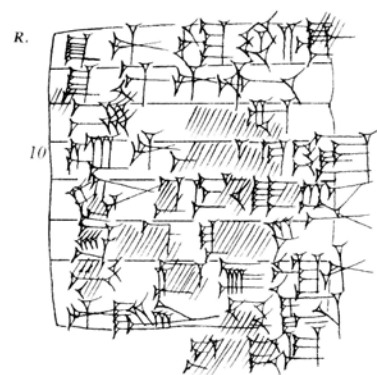
100



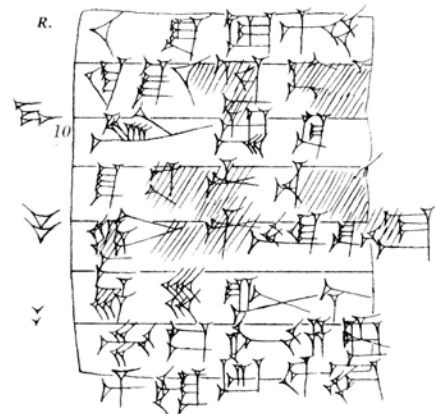
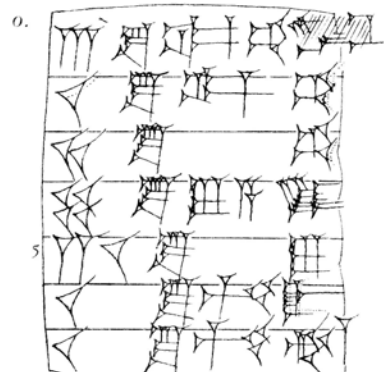
101



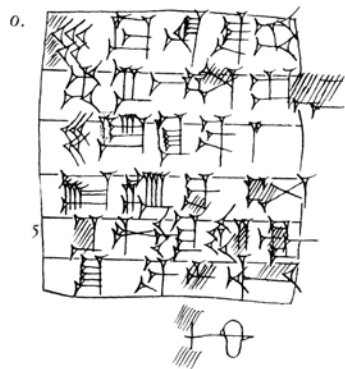
sic!



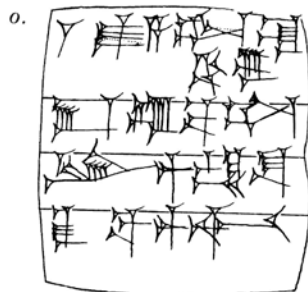
102



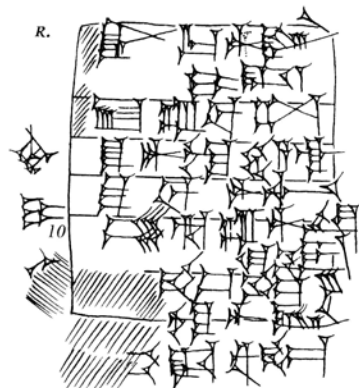
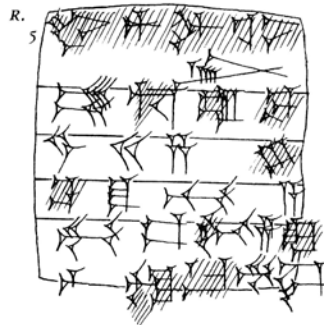
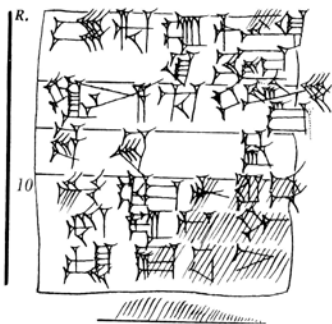
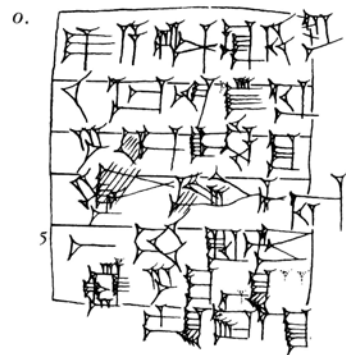
103



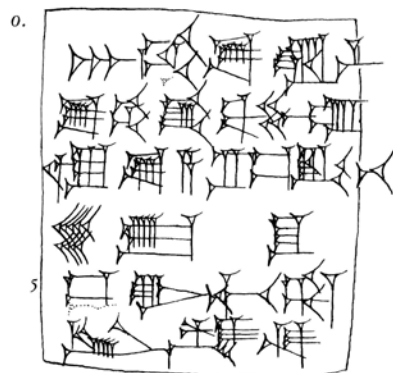
104



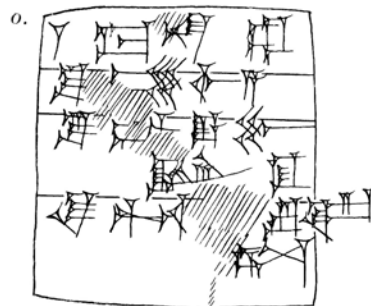
105



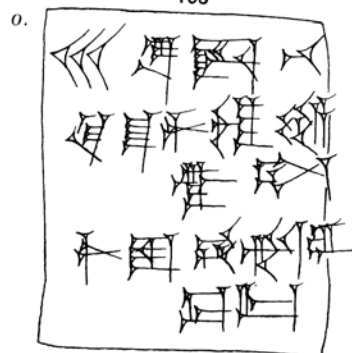
106



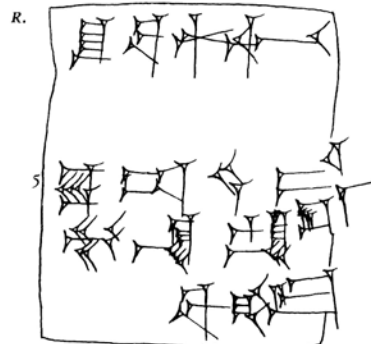
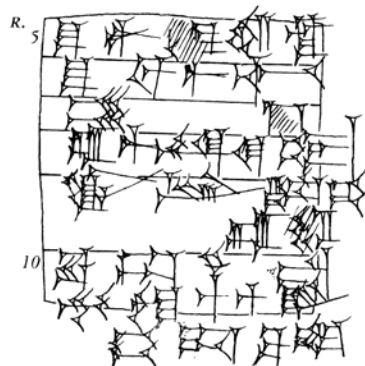
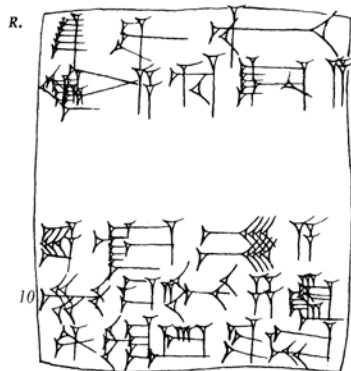
107



108



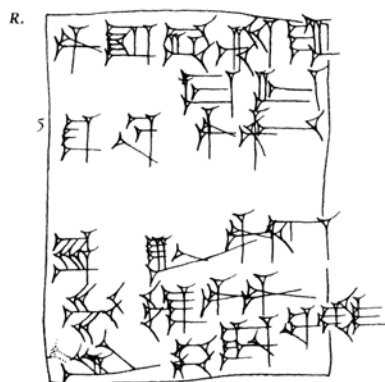
Seal impression D



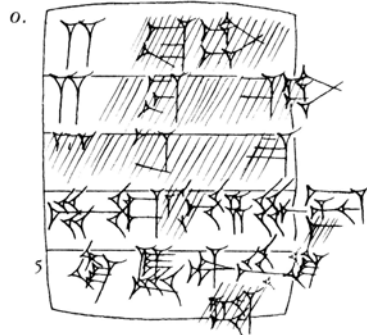
109



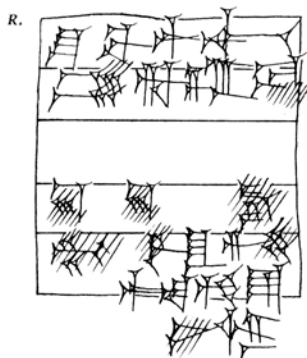
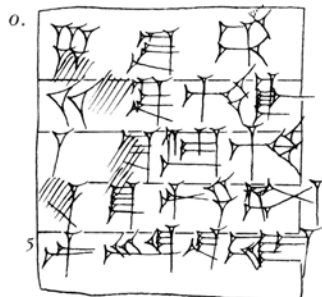
Seal impression D



110



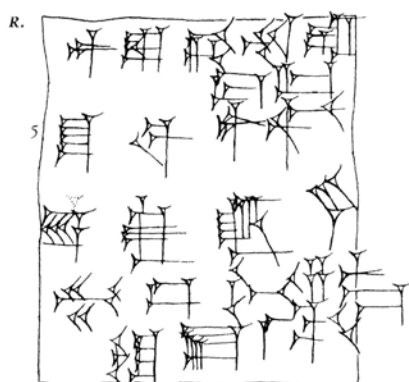
113



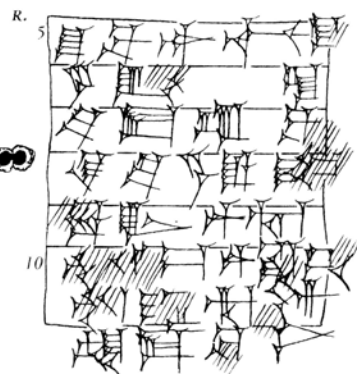
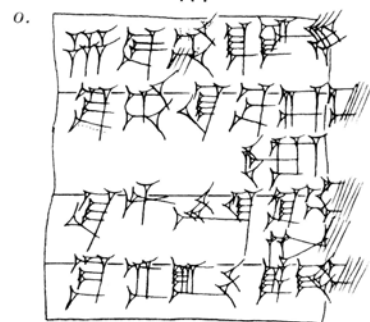
111



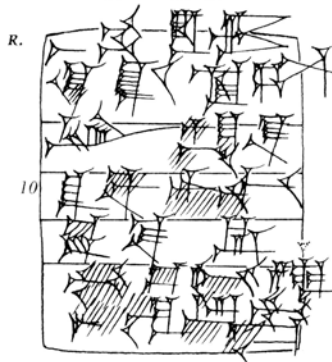
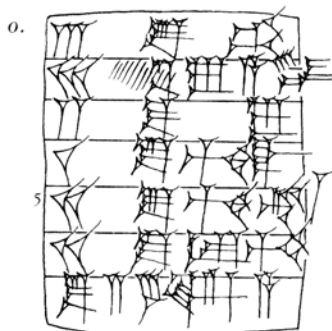
Seal impression D



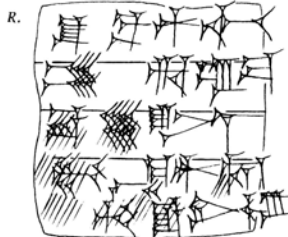
114



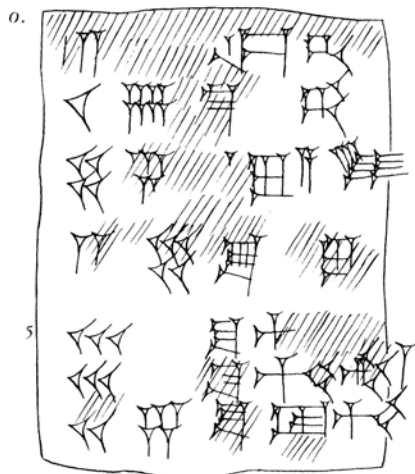
112



115

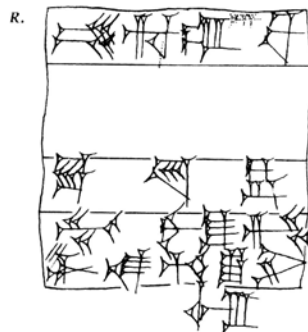


116



Seal impression E

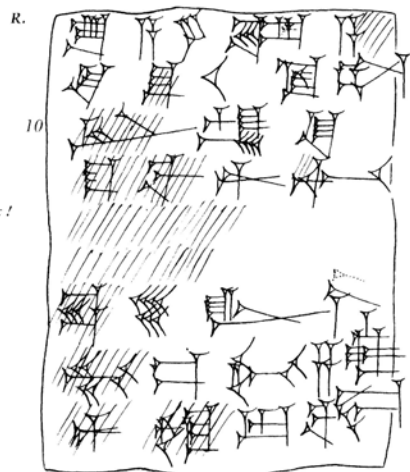
117



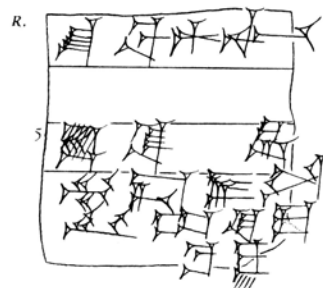
118



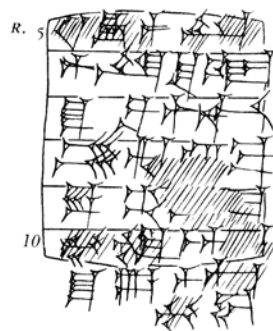
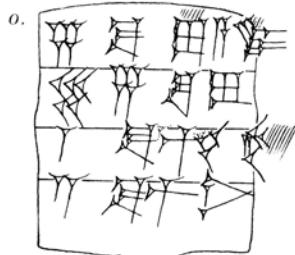
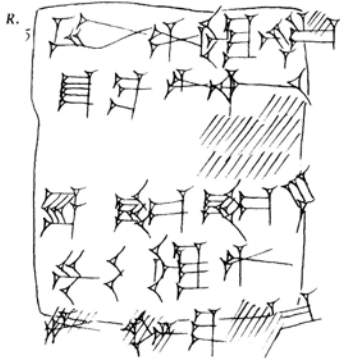
Seal impression F



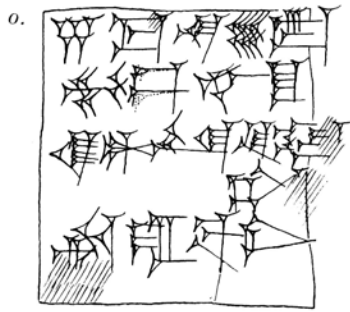
119



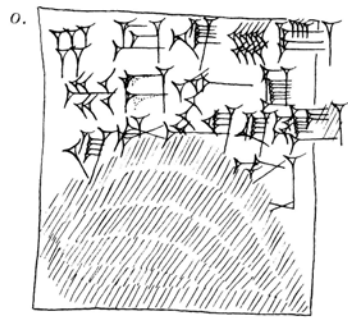
120



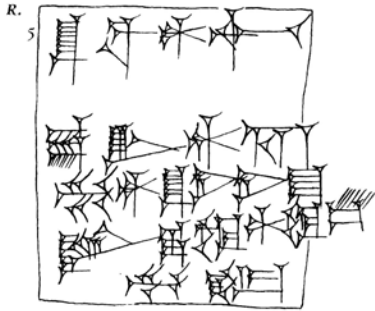
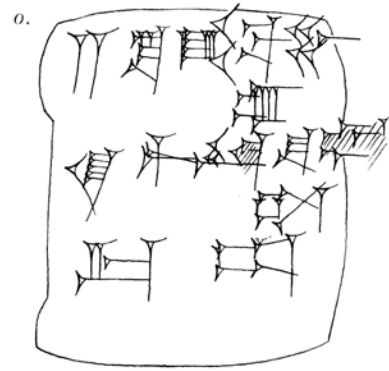
121



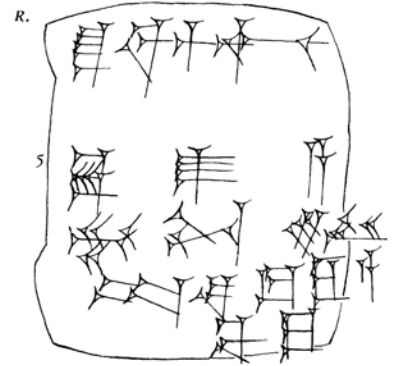
122



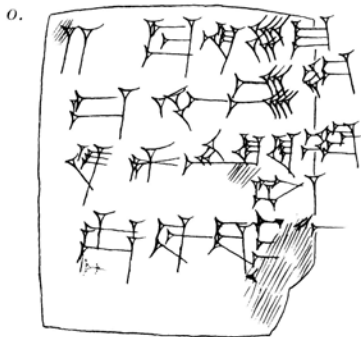
123



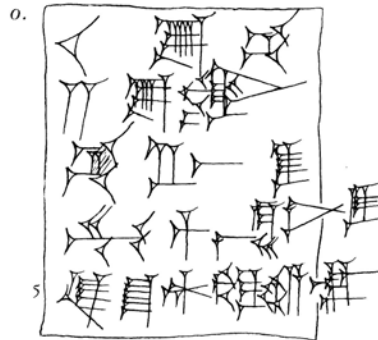
Seal impression H



124

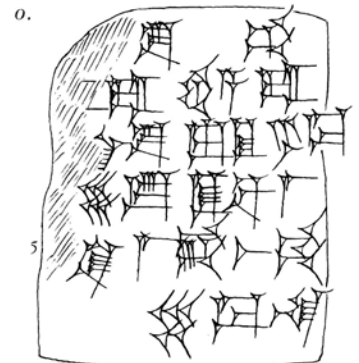


125

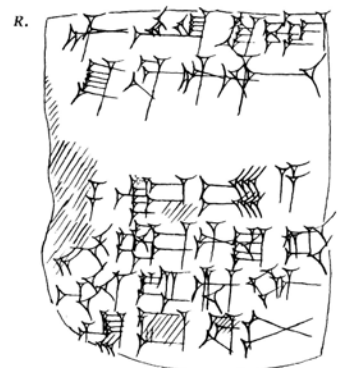
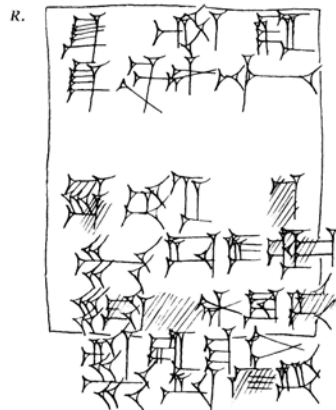
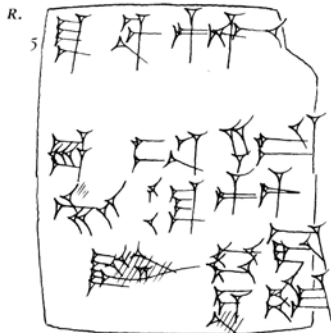


Seal impression S

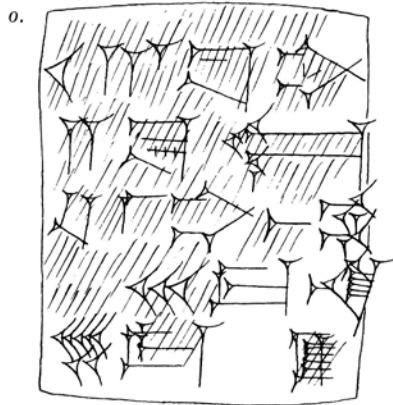
126



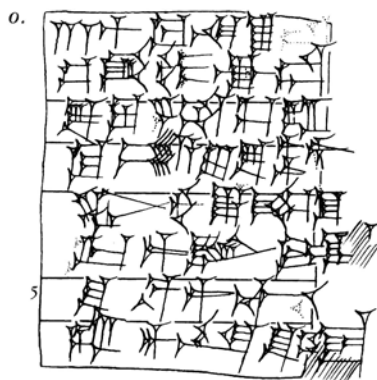
Seal impression I



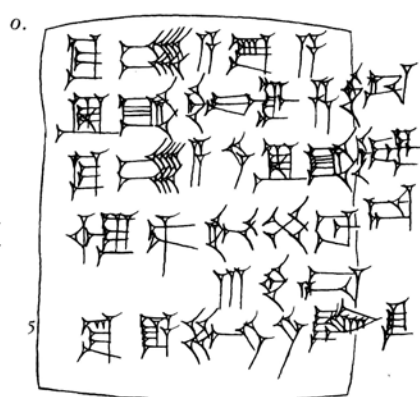
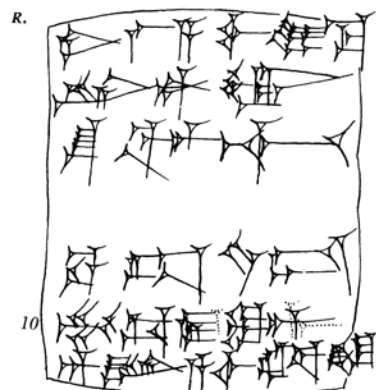
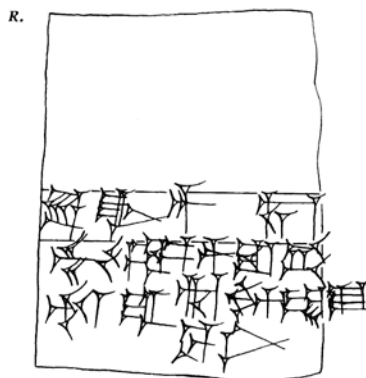
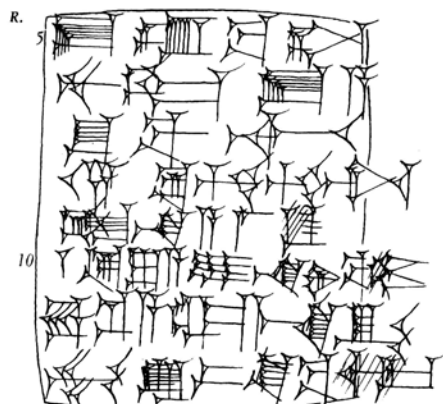
127



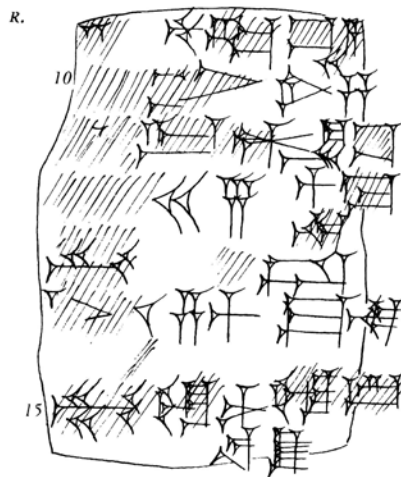
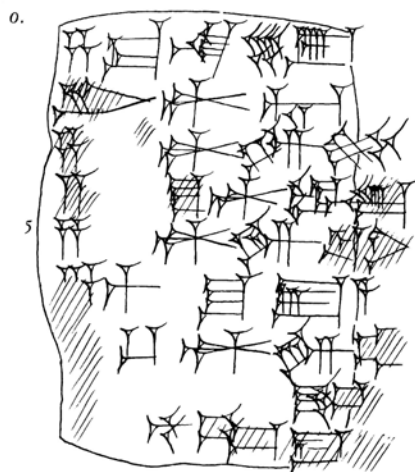
128



129

*Seal impression 1*

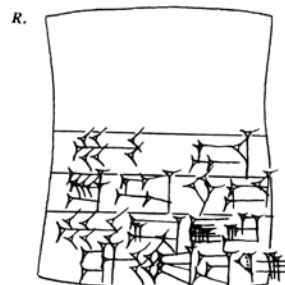
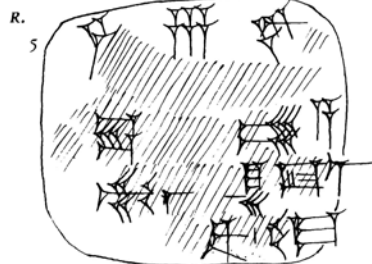
130



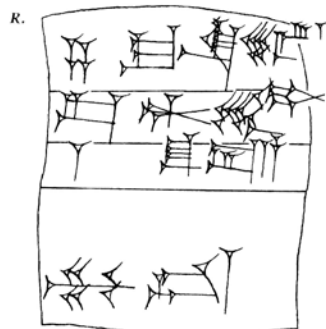
132



131



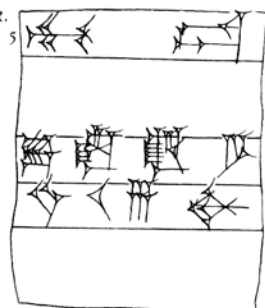
133

*Obverse erased*

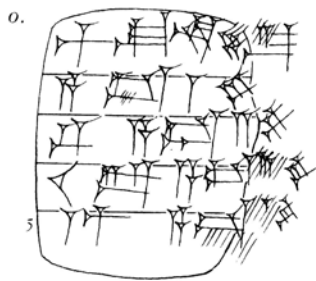
134



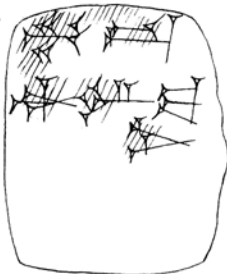
R.



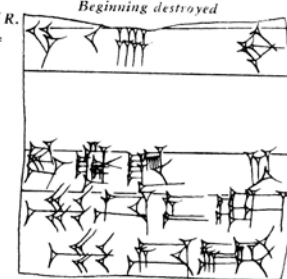
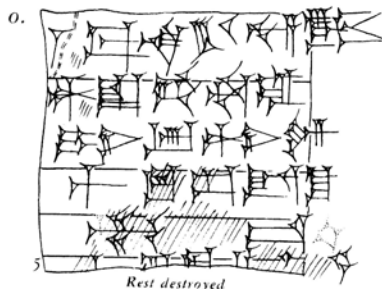
135



R.



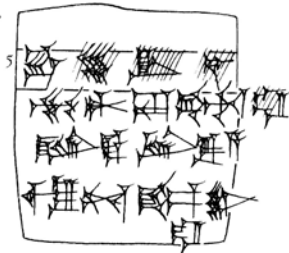
136

*Beginning destroyed**Rest destroyed*

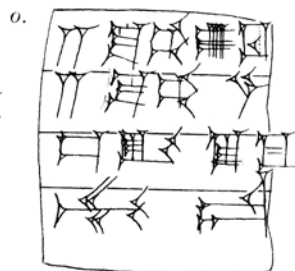
137



R.



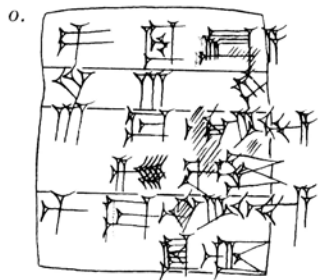
138



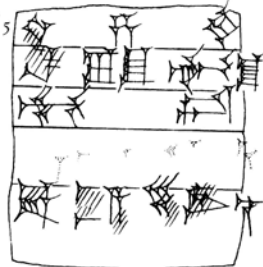
R.



139



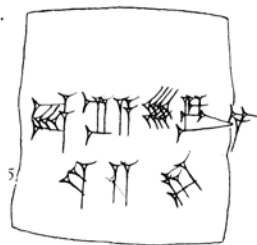
R.



140



R.



141



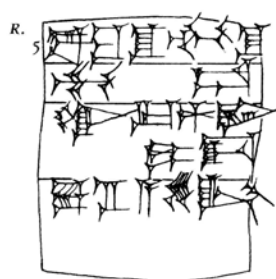
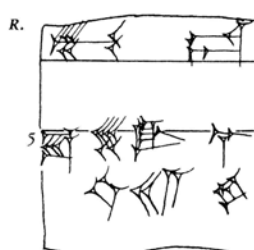
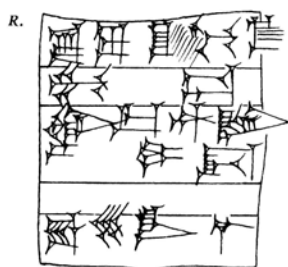
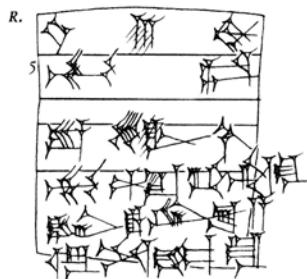
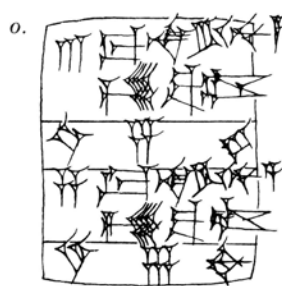
142



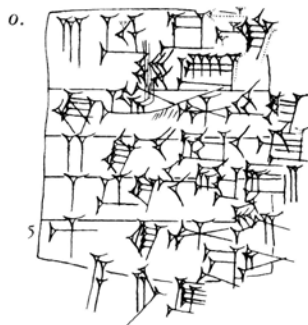
143



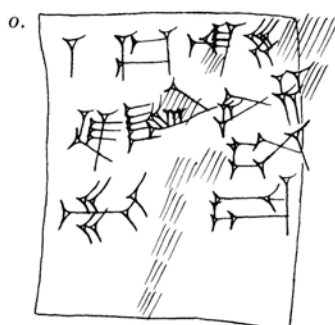
144



145



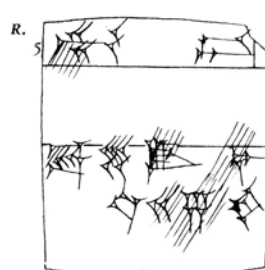
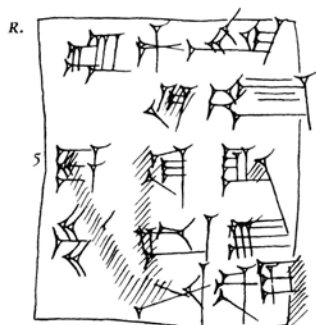
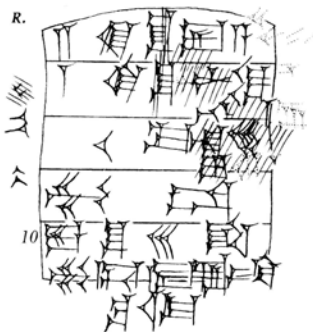
146



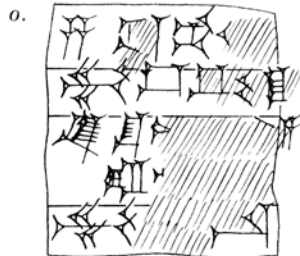
147



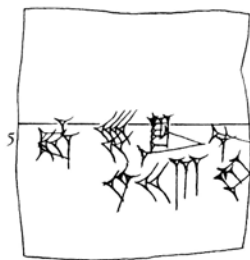
Seal impression K



148



R.



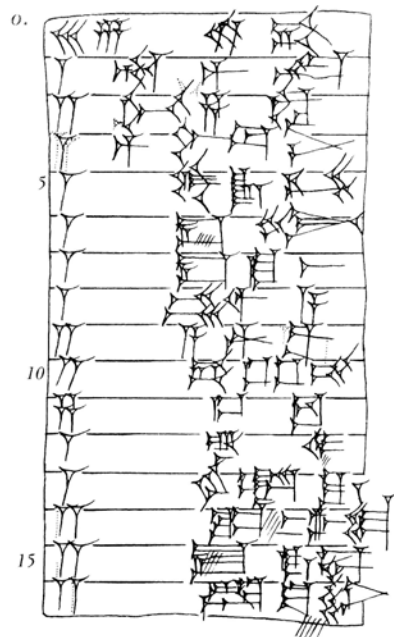
149



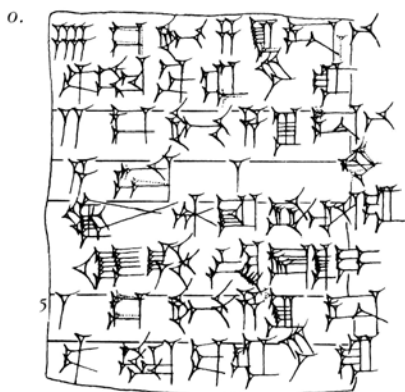
R.



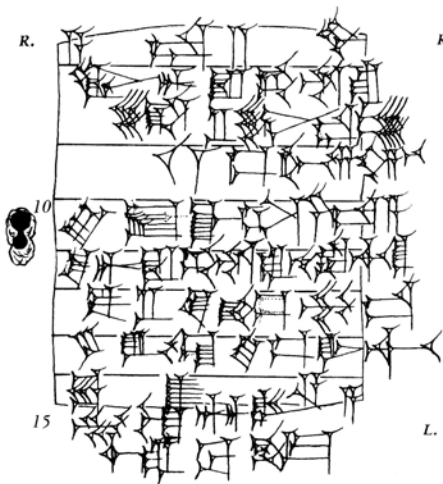
150



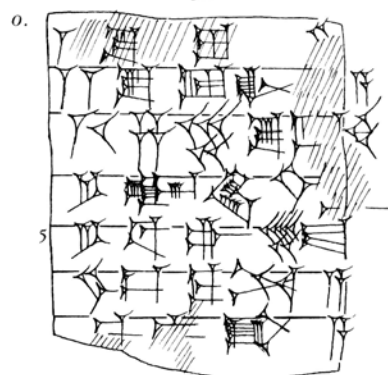
151



R.



152

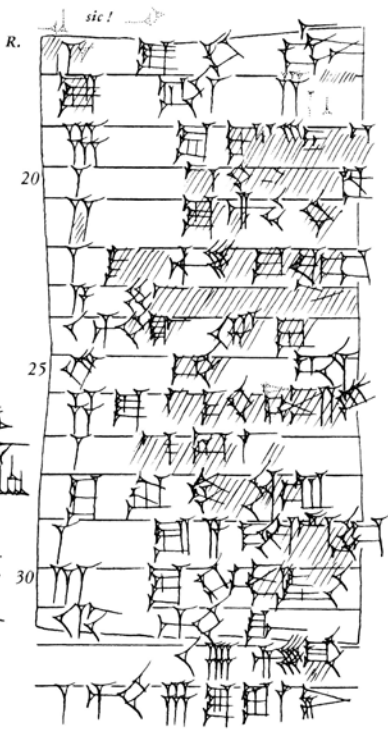


R.

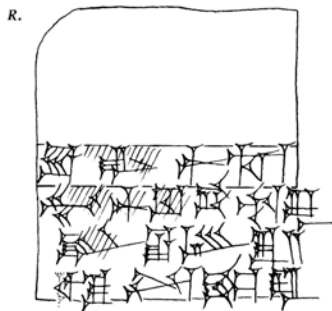
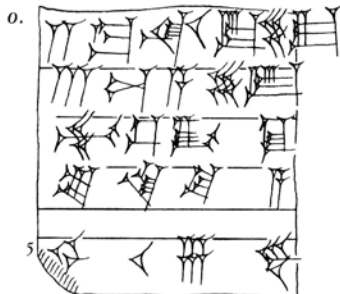


L. E.

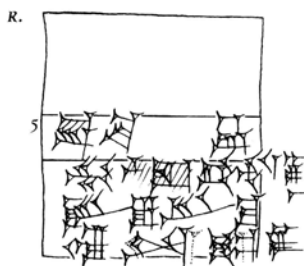
150



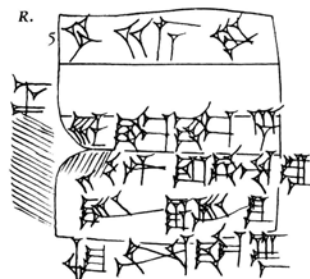
153



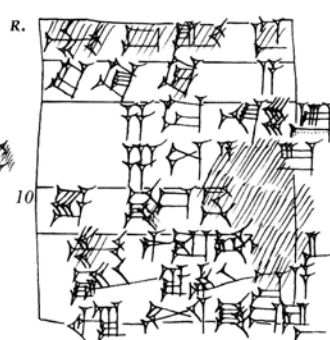
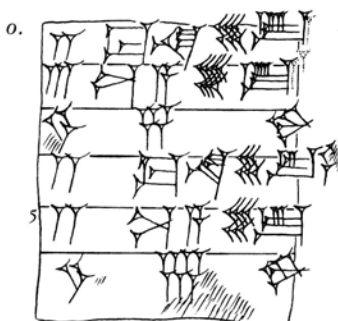
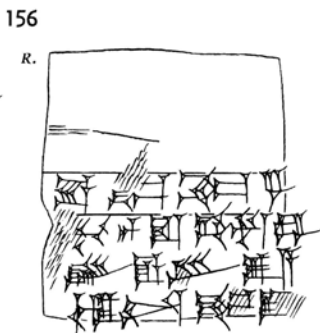
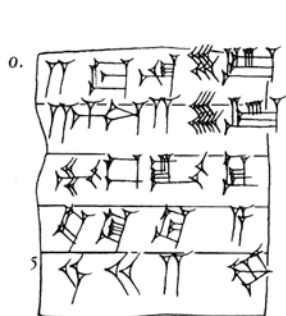
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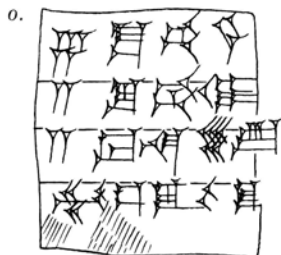
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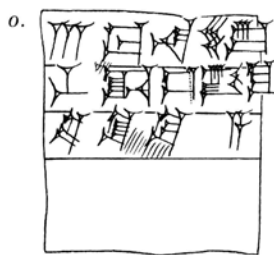
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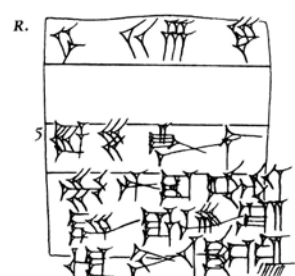
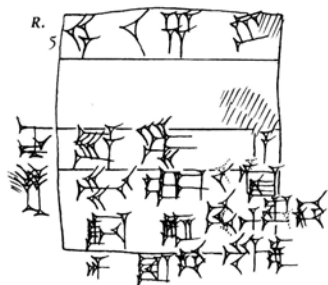
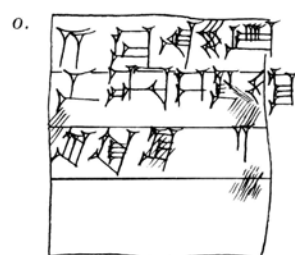
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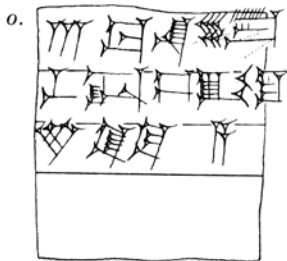
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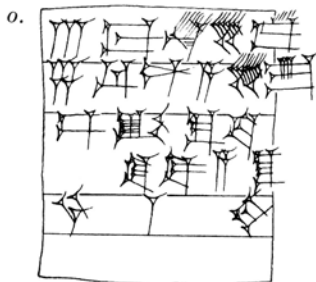
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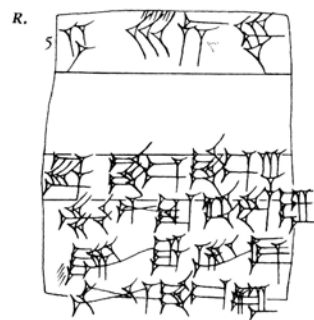
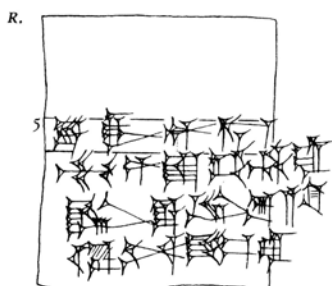
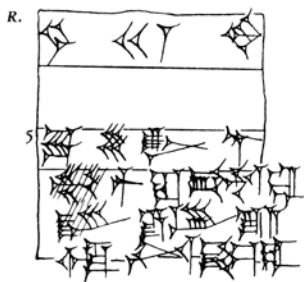
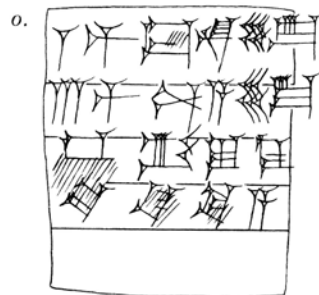
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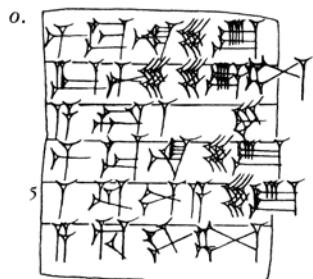
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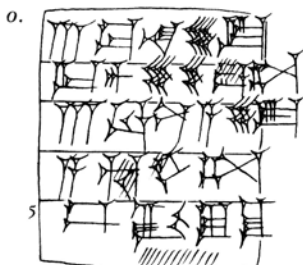
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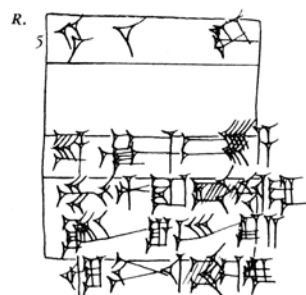
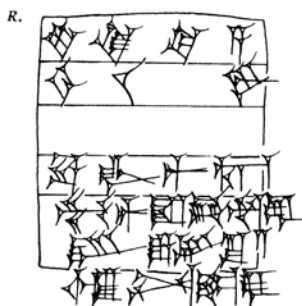
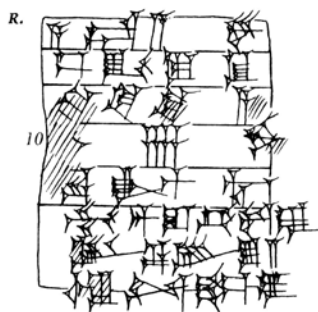
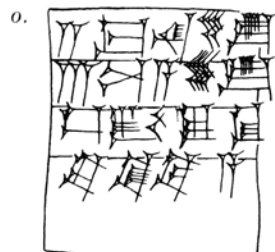
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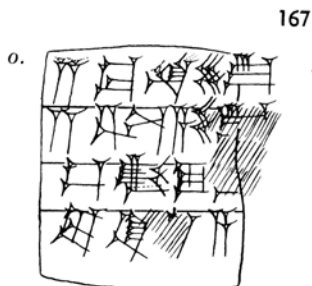
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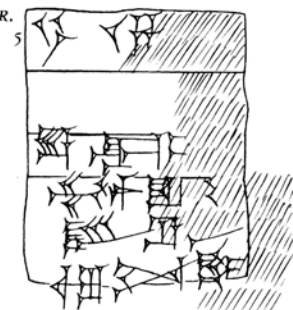
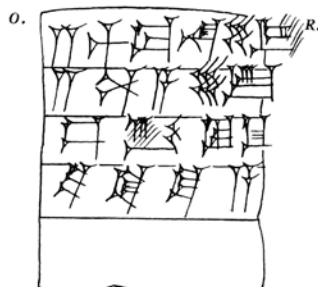
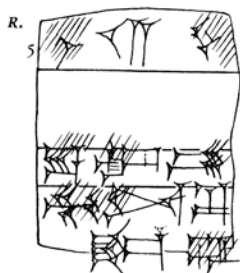
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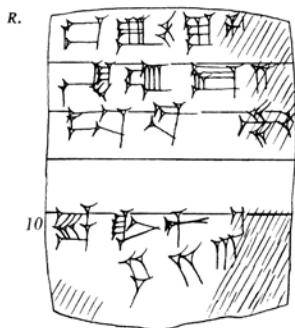
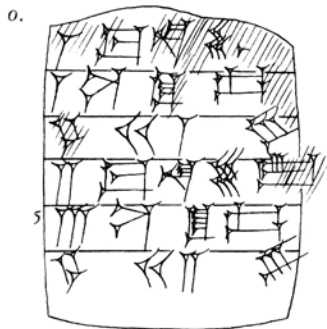
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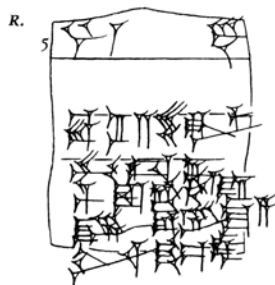
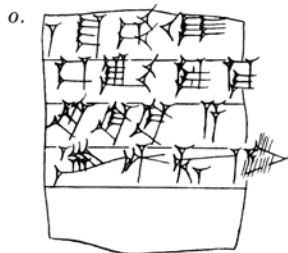
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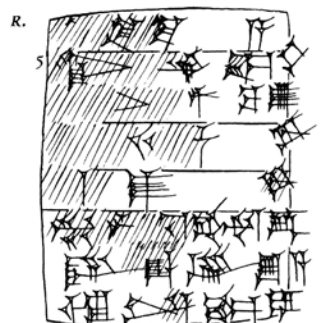
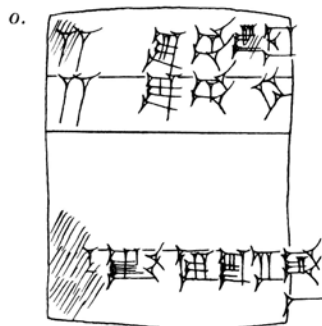
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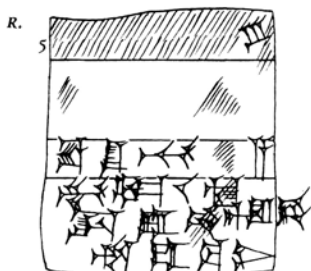
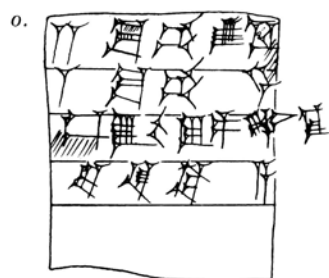
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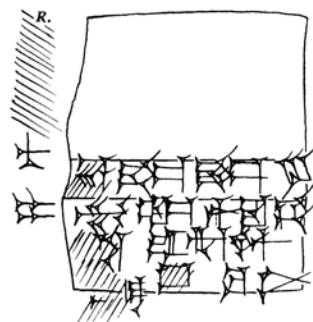
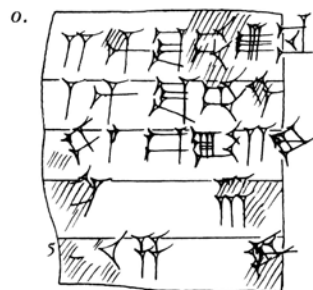
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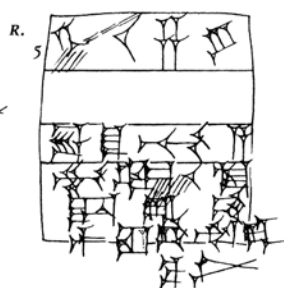
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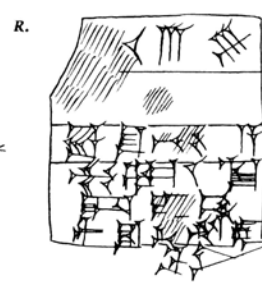
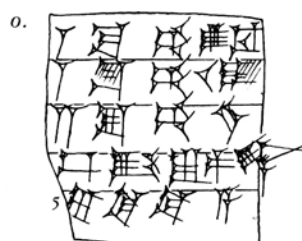
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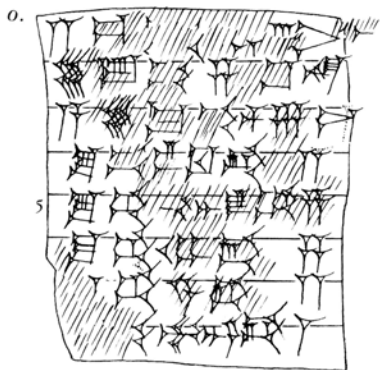
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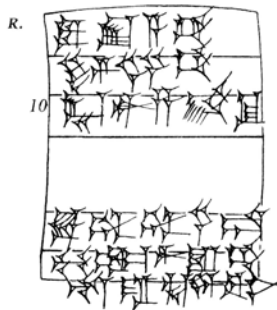
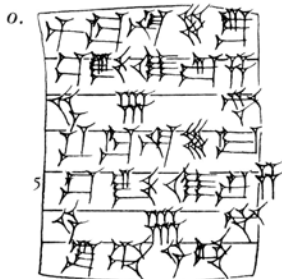
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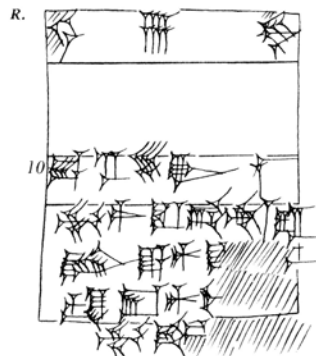
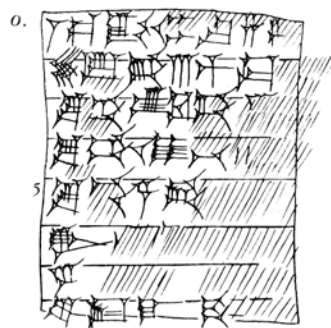
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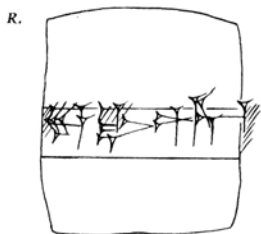
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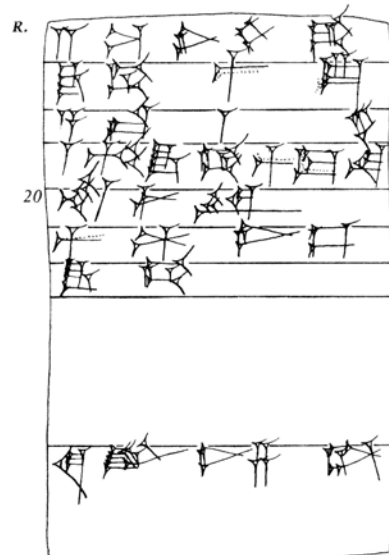
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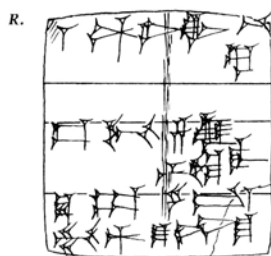
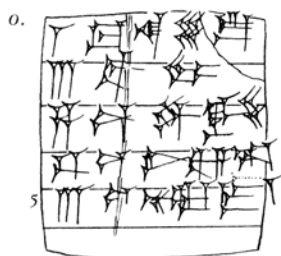
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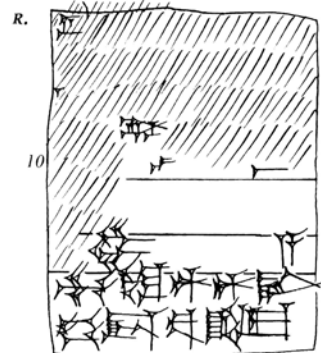
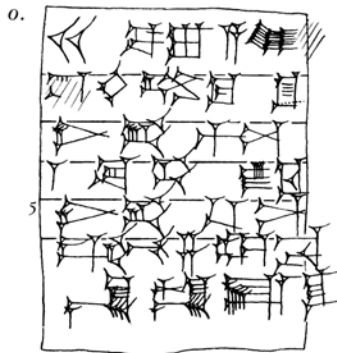
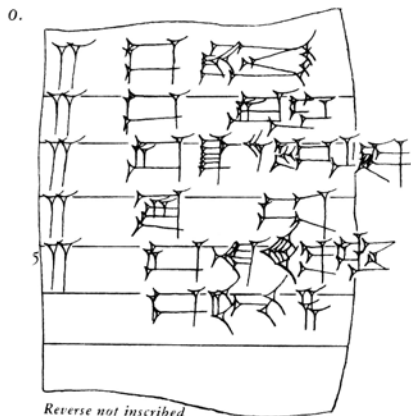


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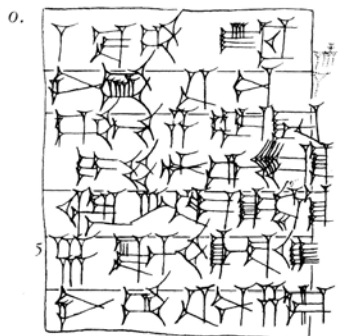


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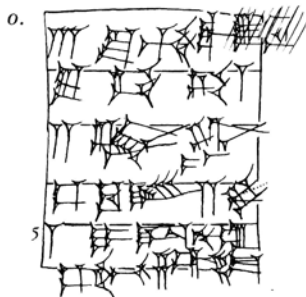




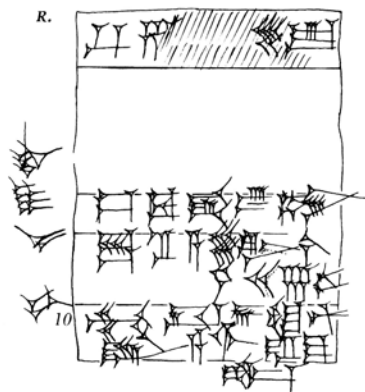
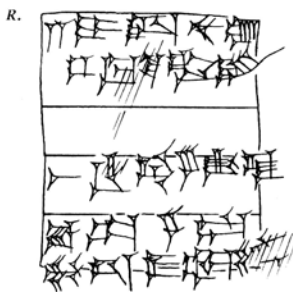
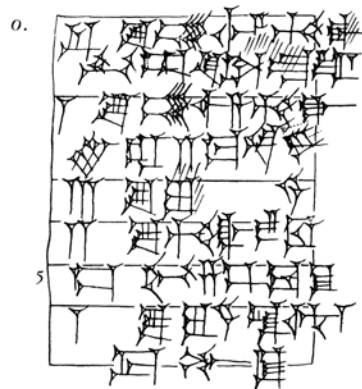
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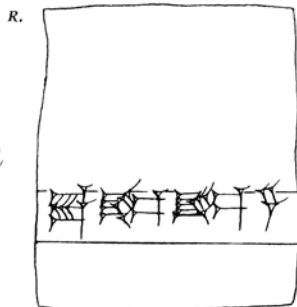
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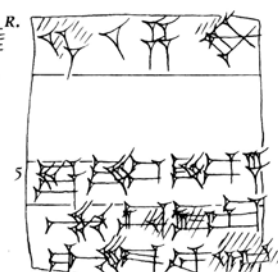
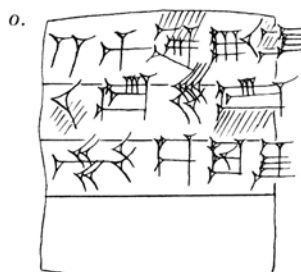
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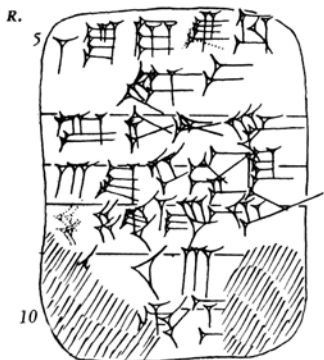
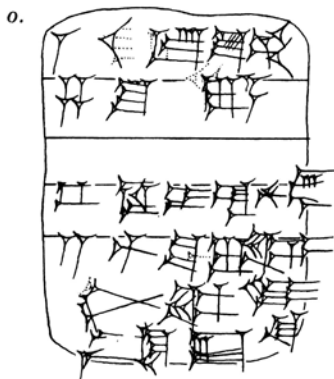
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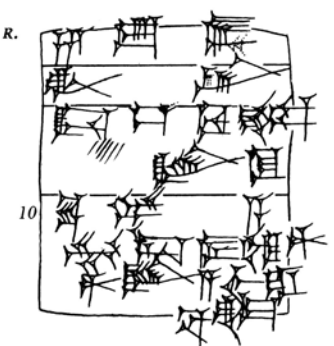
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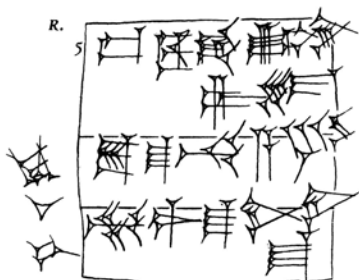
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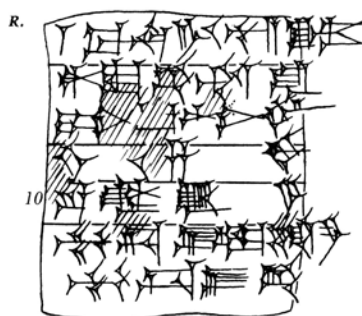
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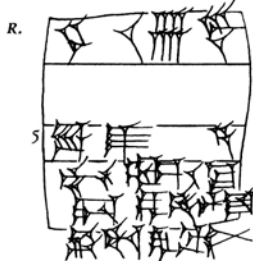
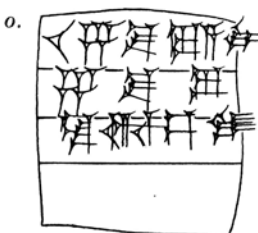
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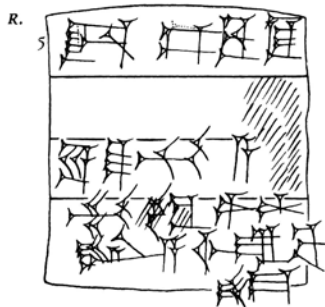
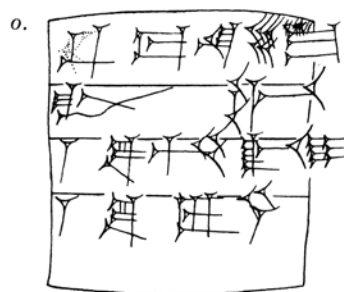
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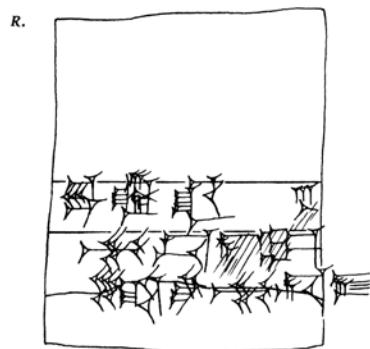
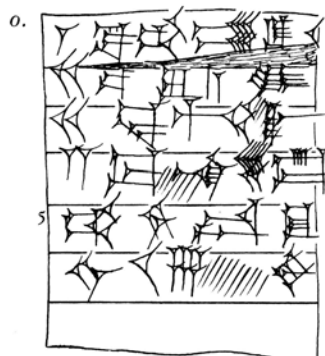
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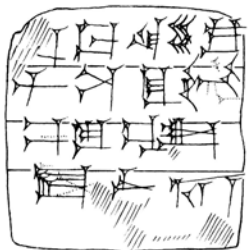
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203

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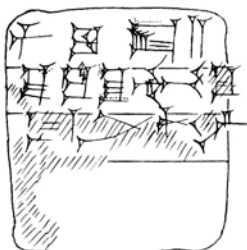


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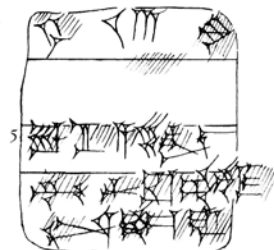


204

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205

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206

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207

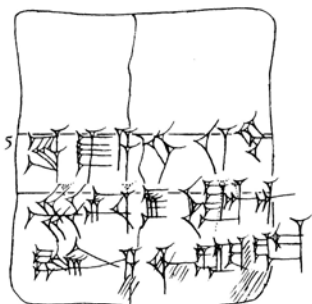
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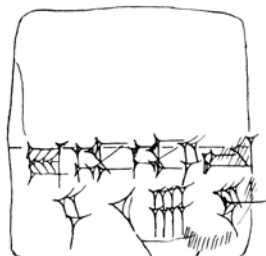
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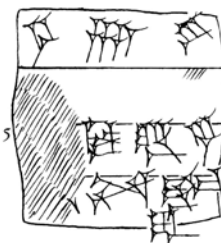


208

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209

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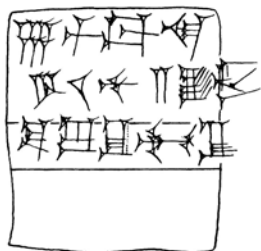


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210

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211

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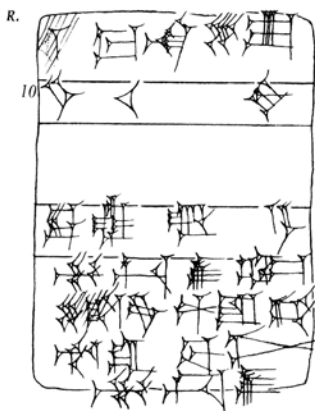
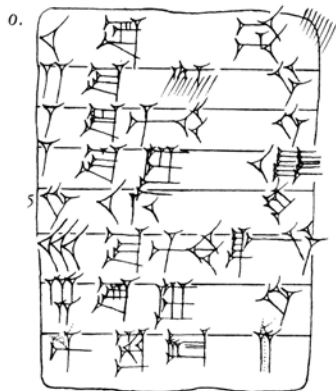


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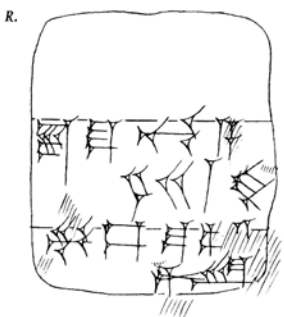
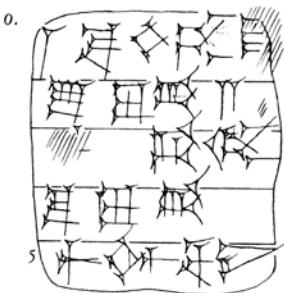


sic!

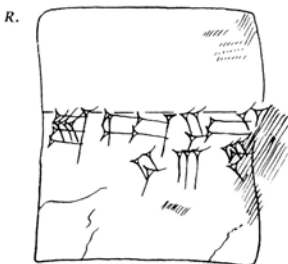
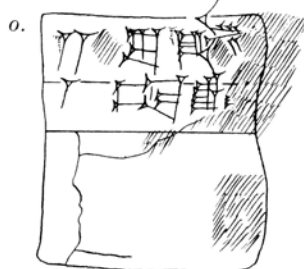
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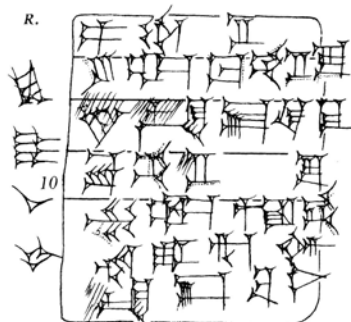
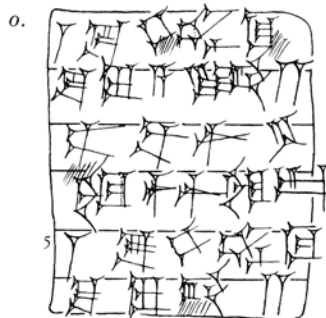
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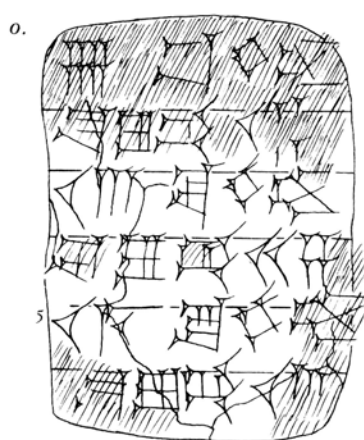
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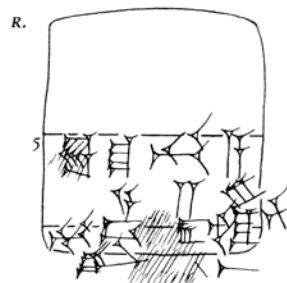
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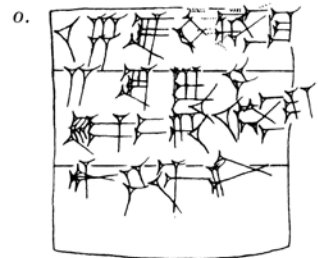
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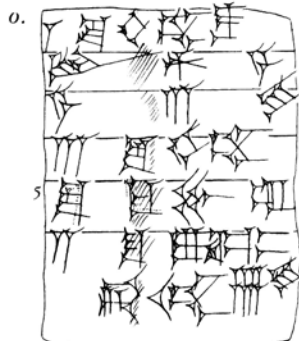
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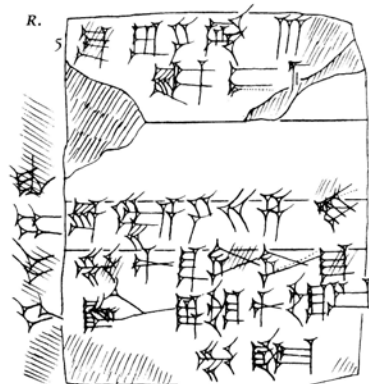
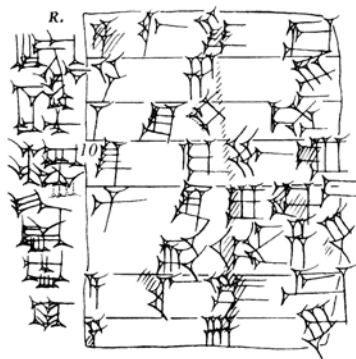
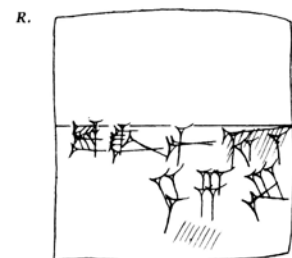
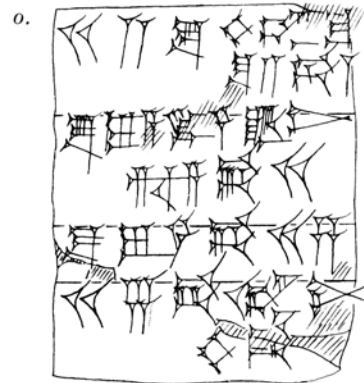
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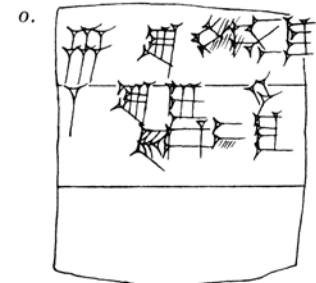
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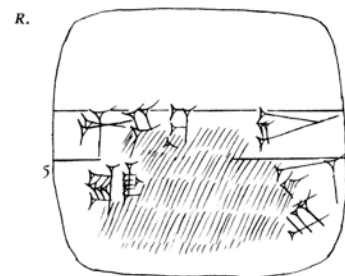
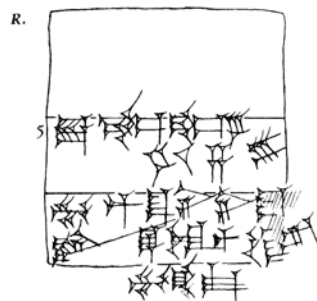
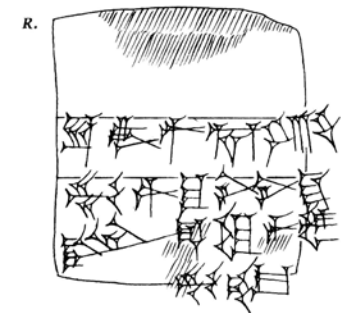
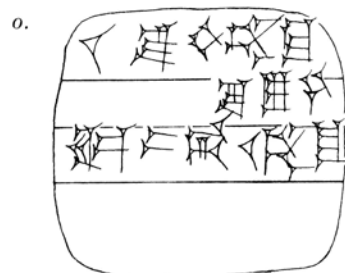
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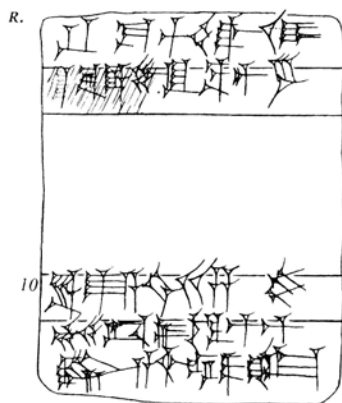
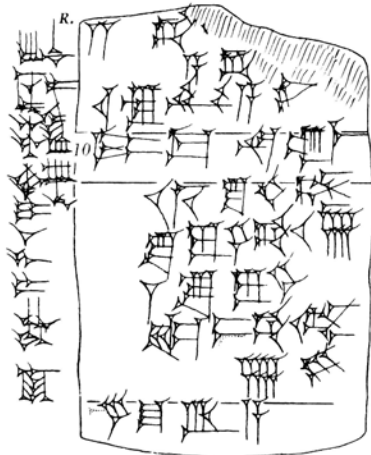
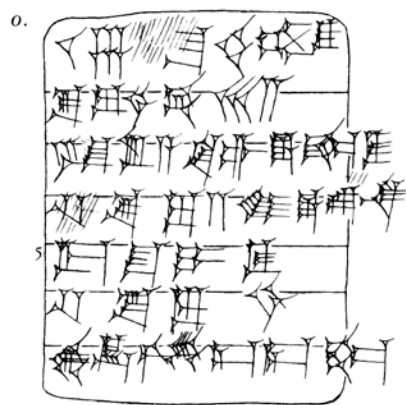
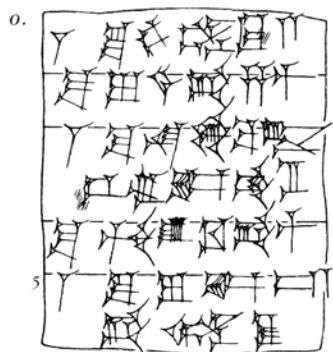
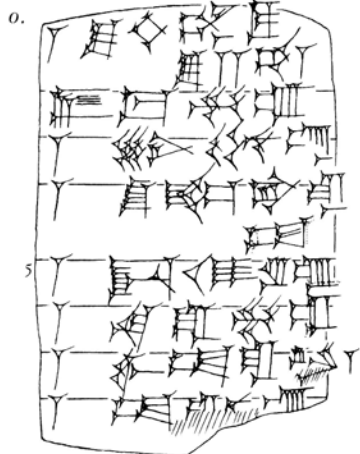


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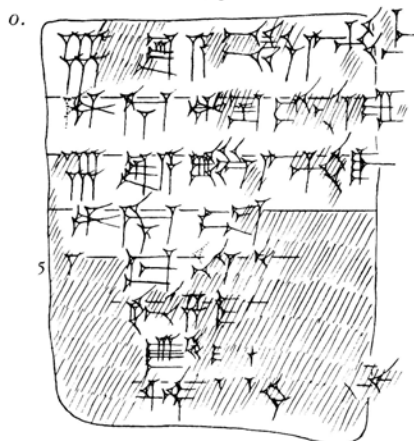


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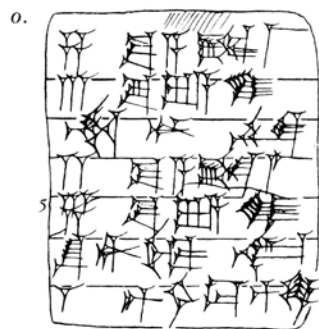




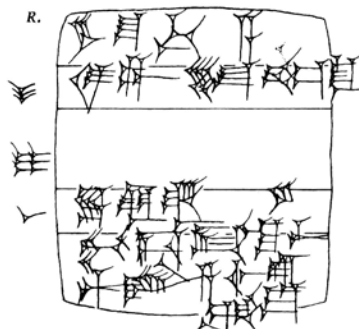
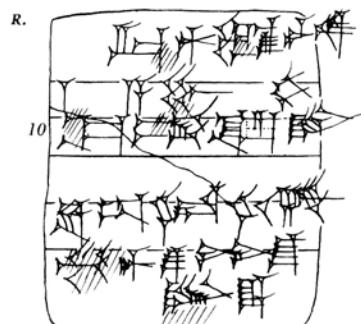
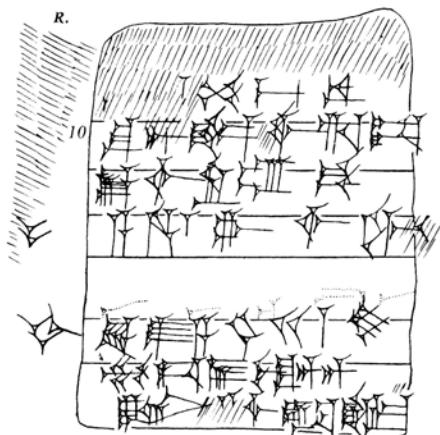
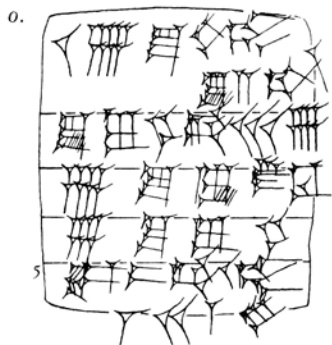
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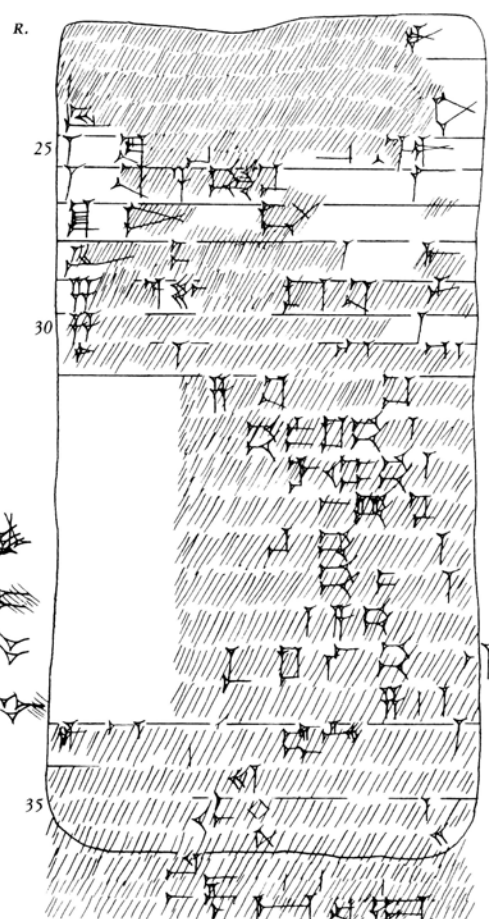
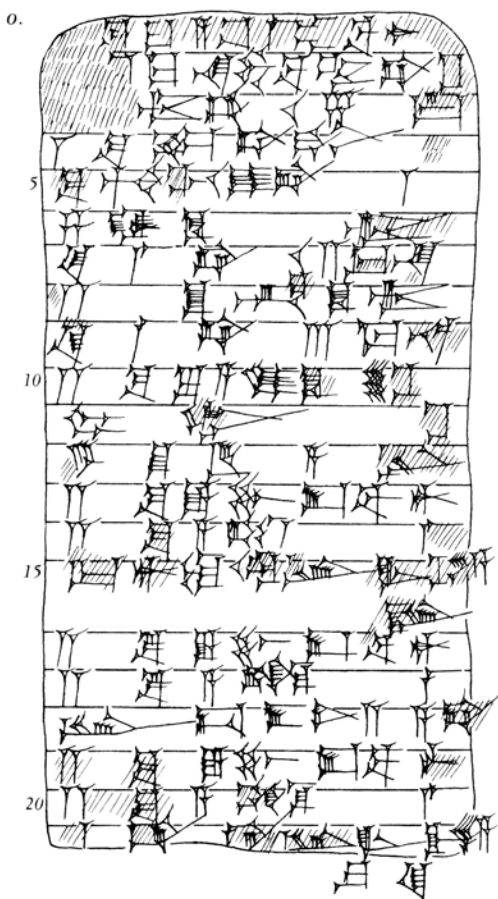
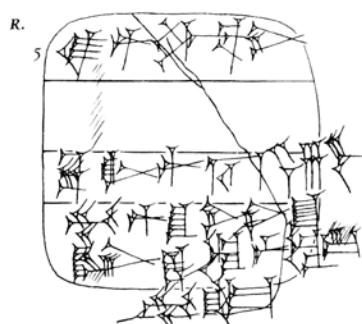
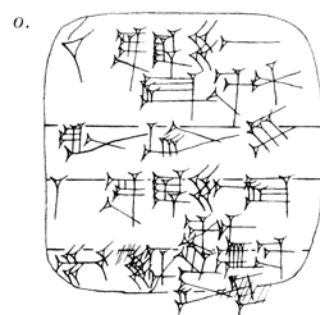
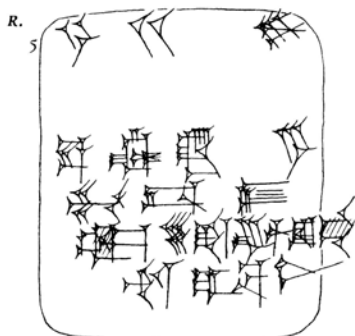
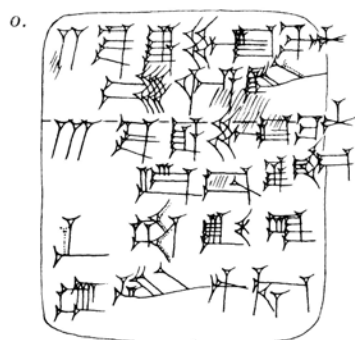
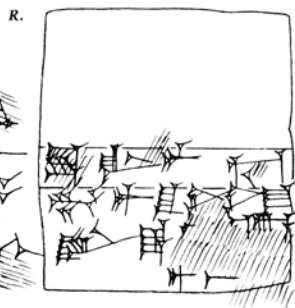
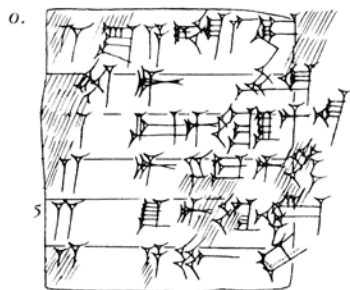


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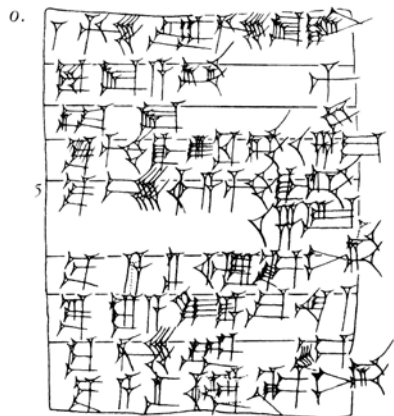


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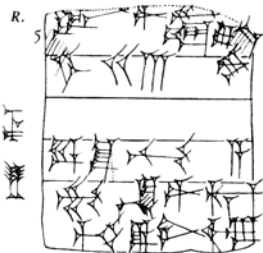
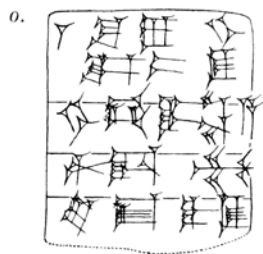




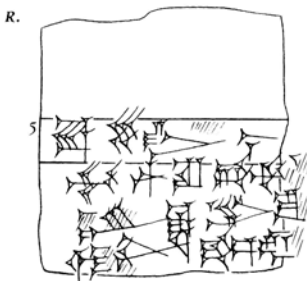
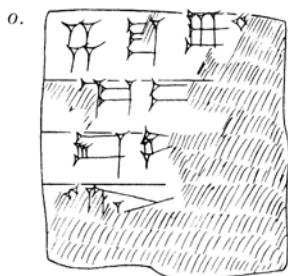
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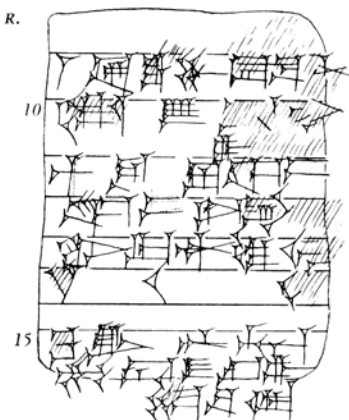
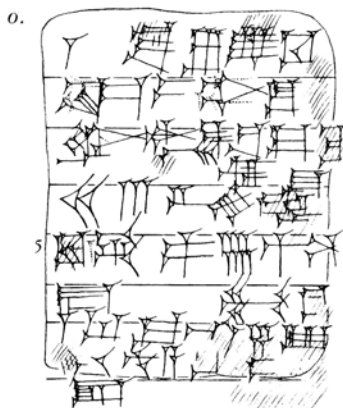
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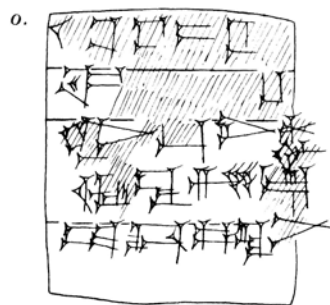
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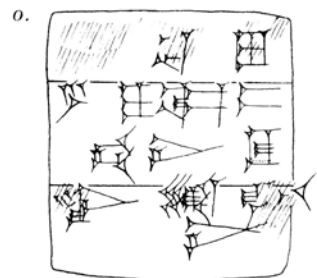
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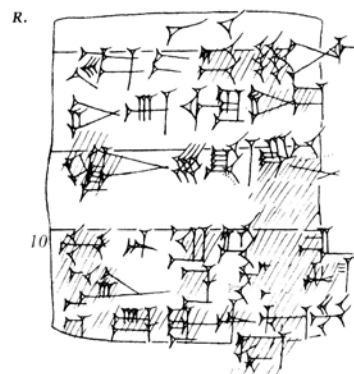
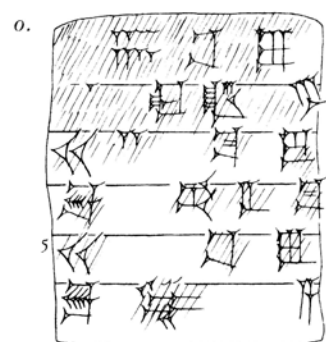
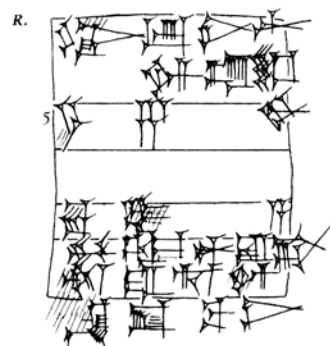
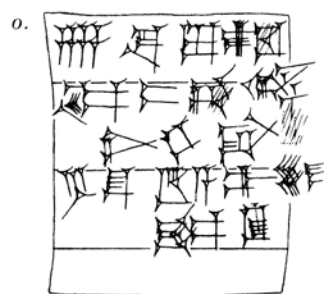
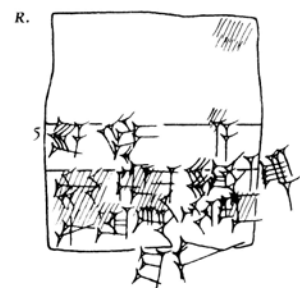
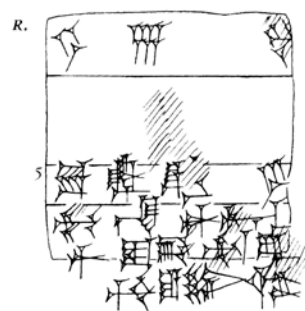
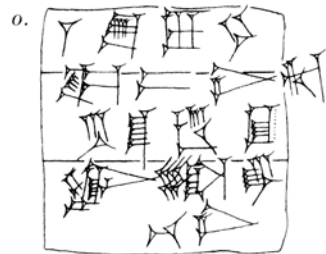
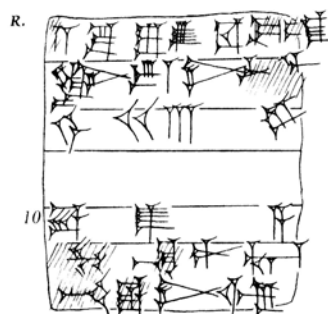
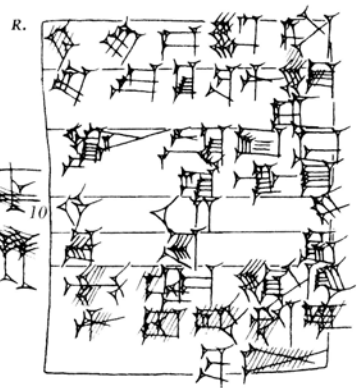
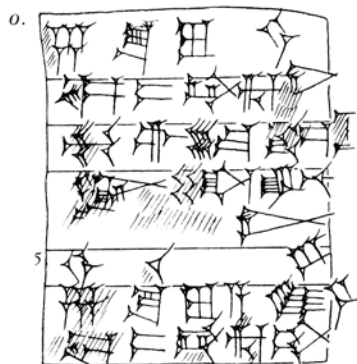


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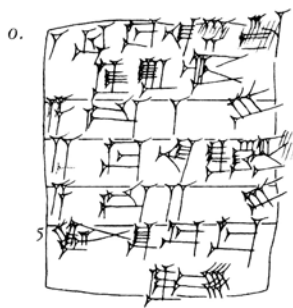


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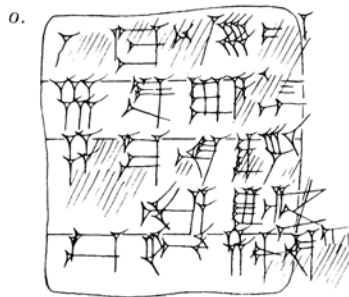




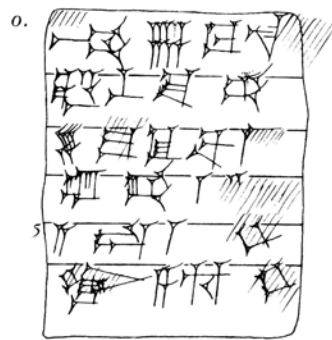
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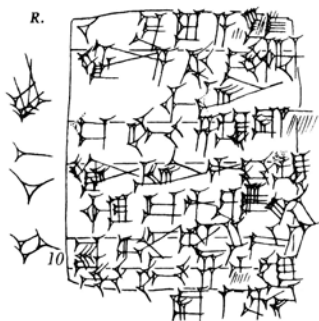
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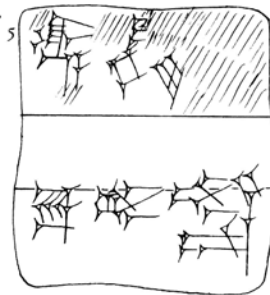
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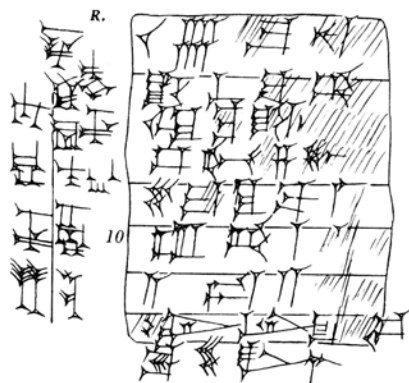
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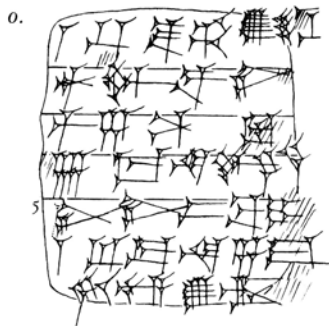
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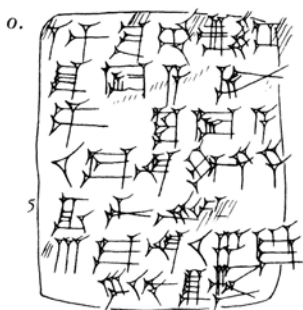
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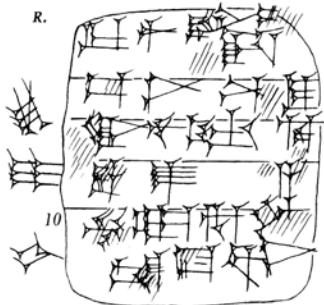
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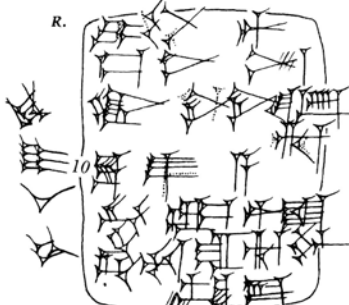
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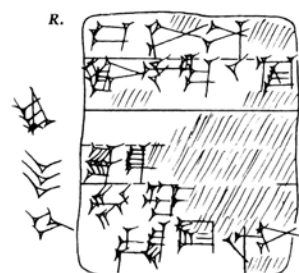
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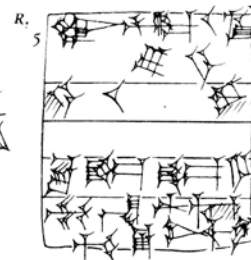
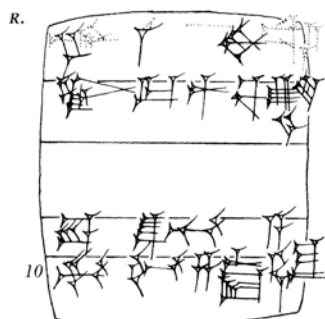
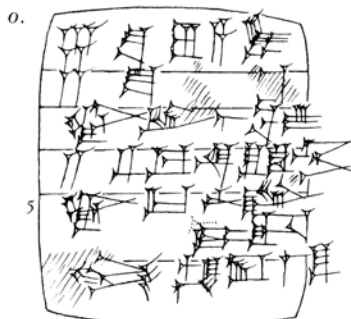
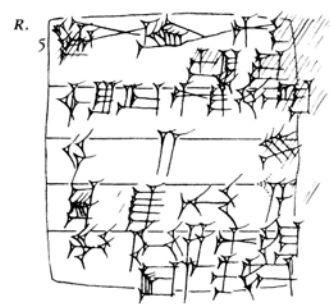
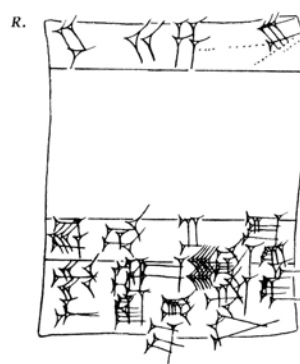
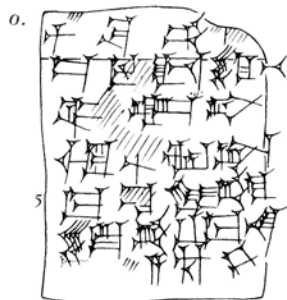


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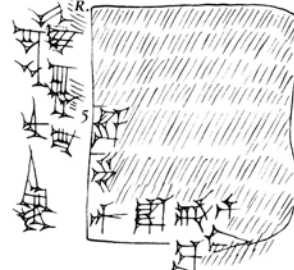
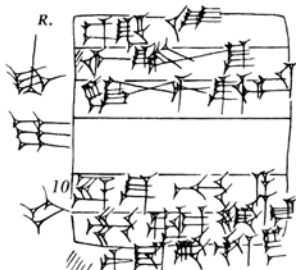
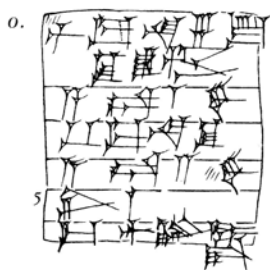


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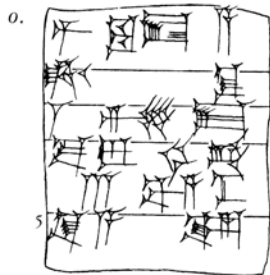




L. E. 



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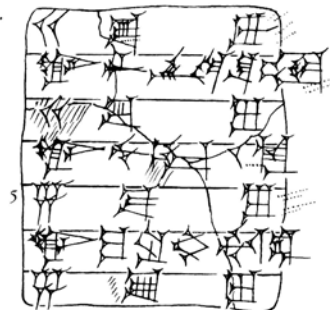


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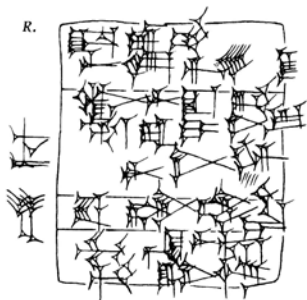


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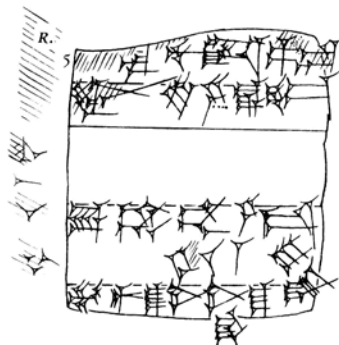
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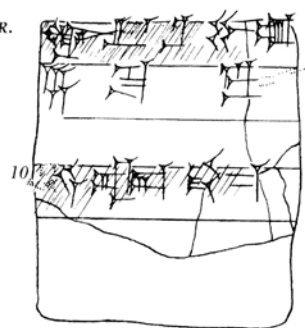
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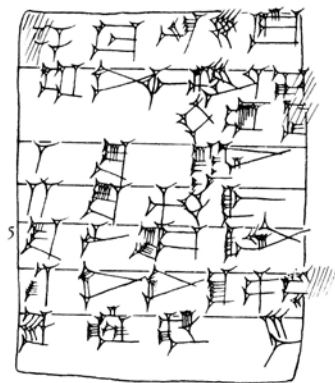


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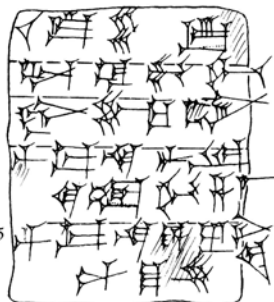
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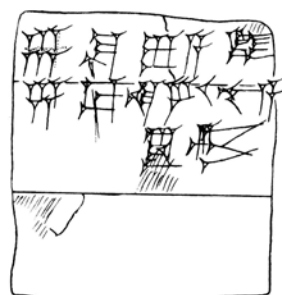
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264

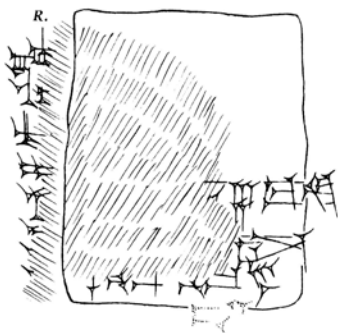
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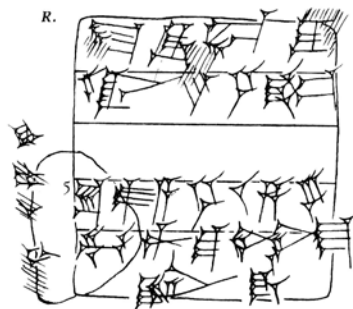
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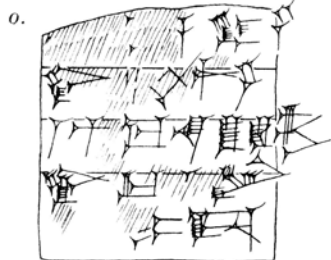
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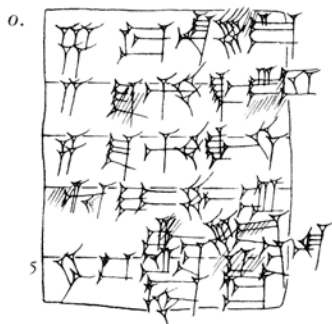
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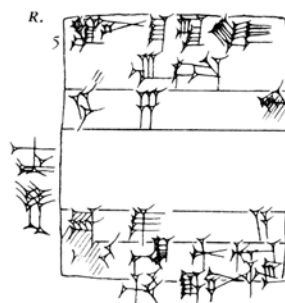
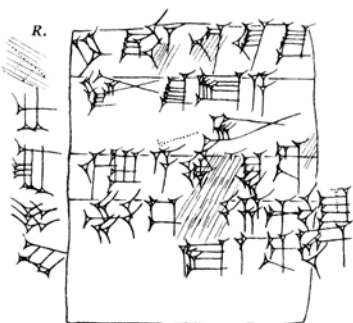
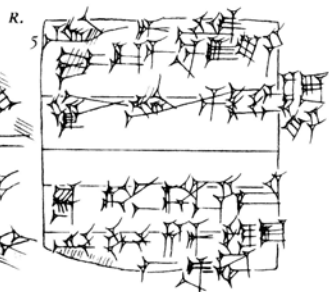
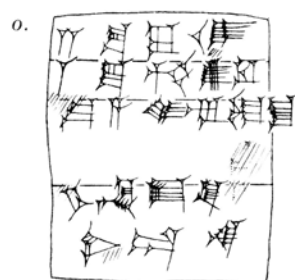
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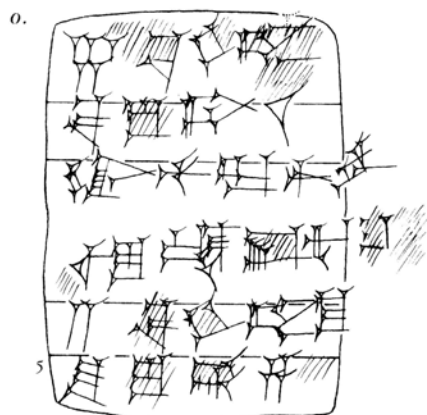
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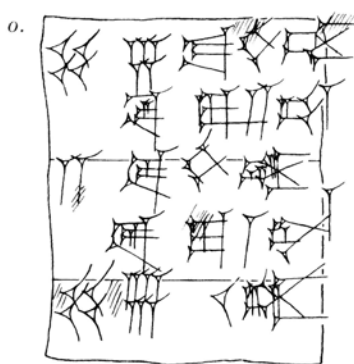
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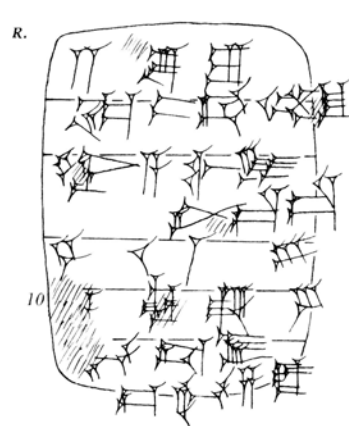
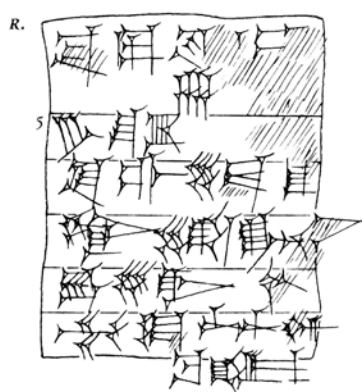
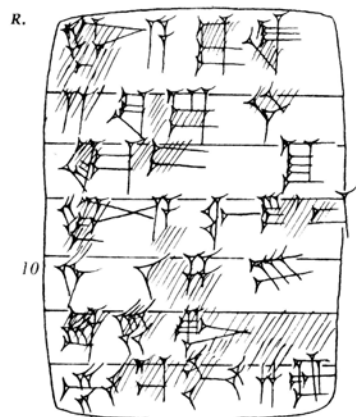
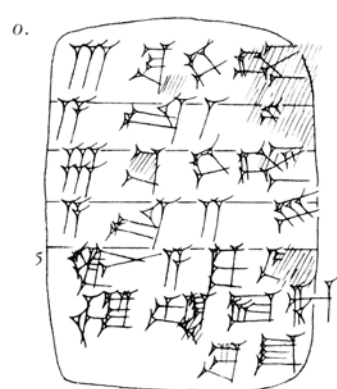
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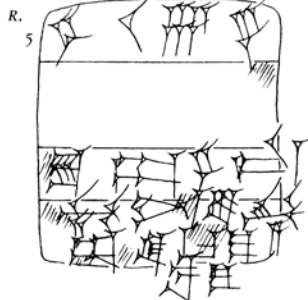
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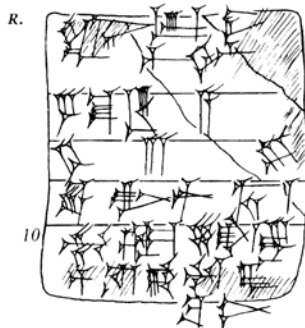
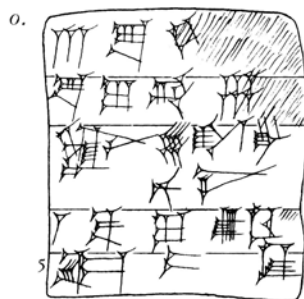
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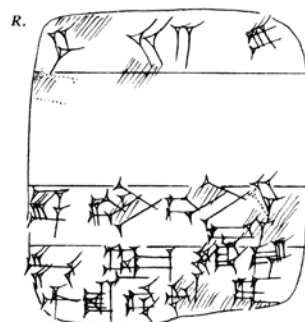
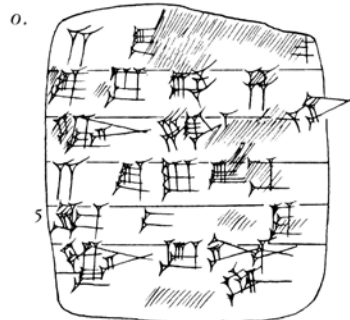
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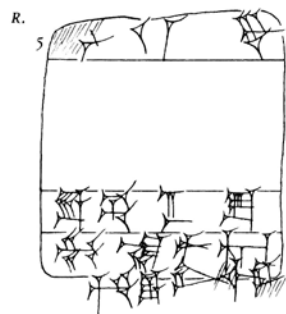
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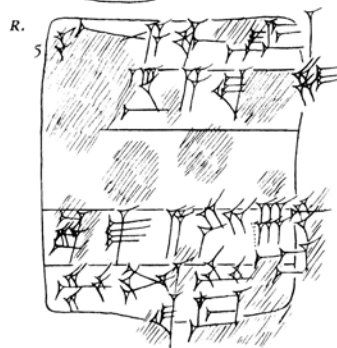
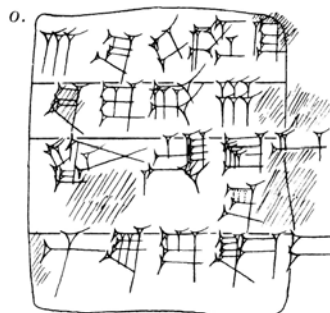
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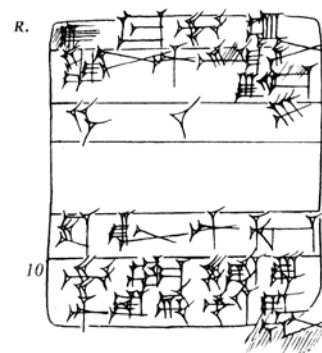
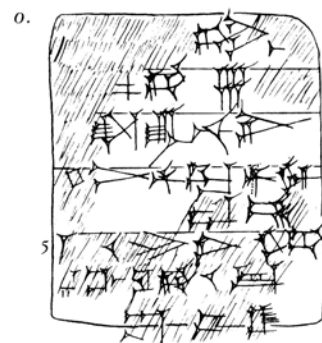
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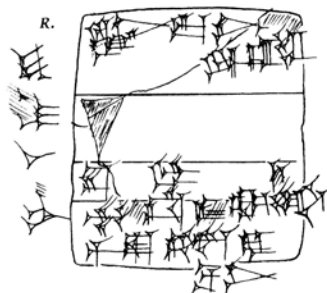
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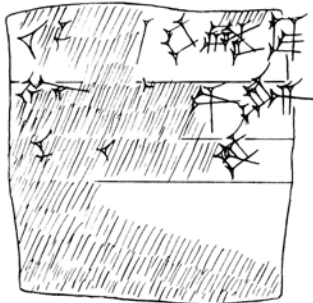


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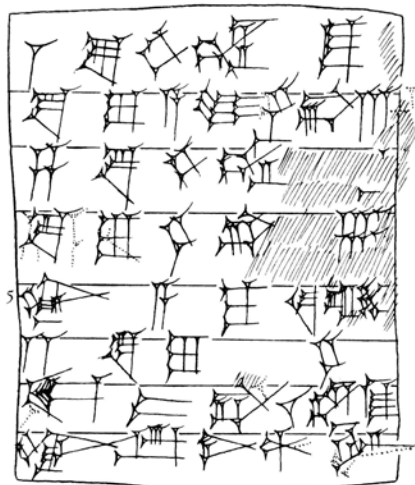


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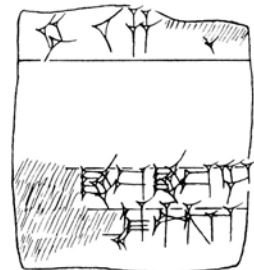
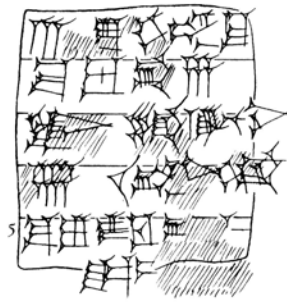
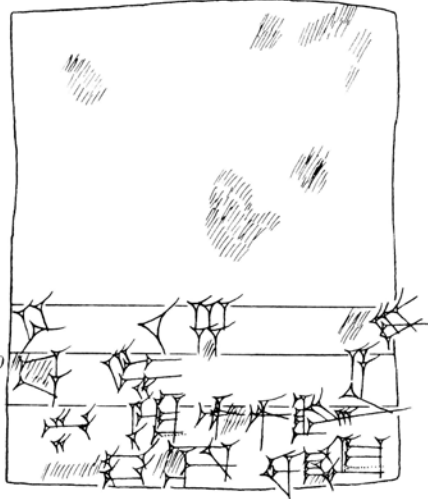




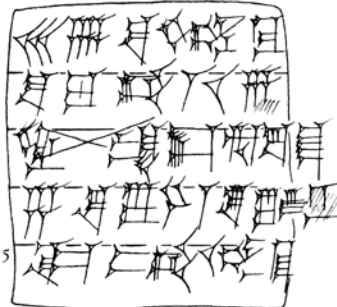
281



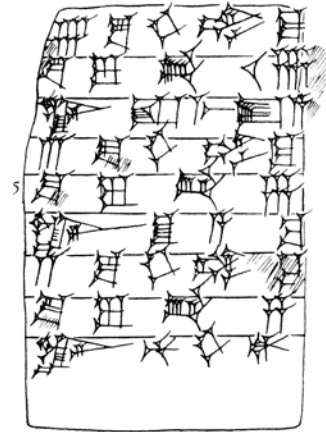
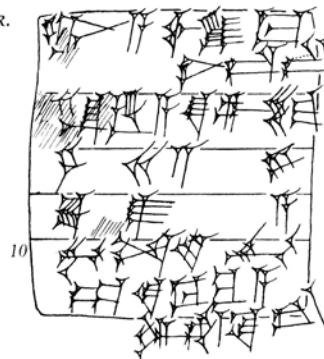
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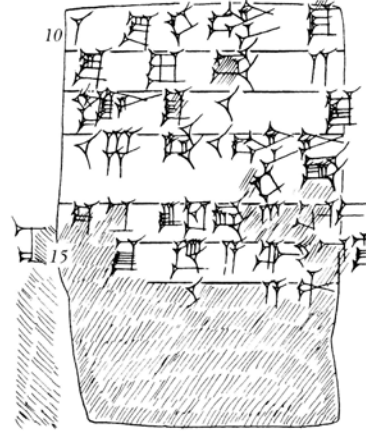
282



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10



283

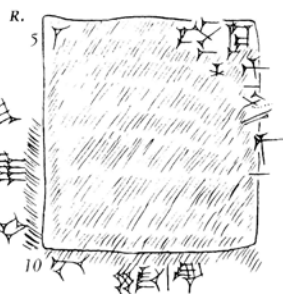
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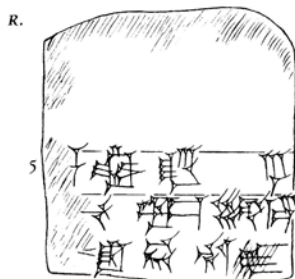
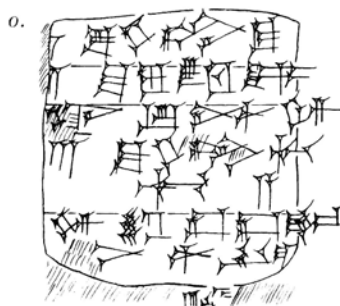
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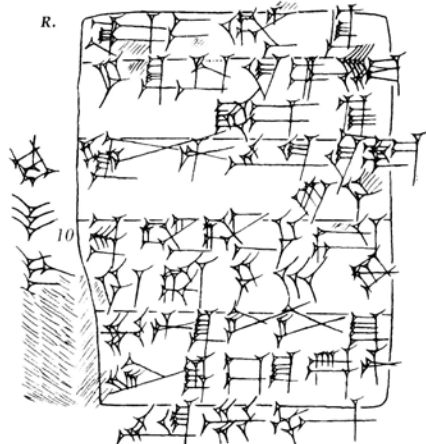
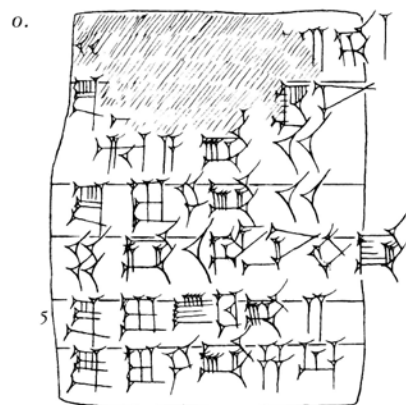
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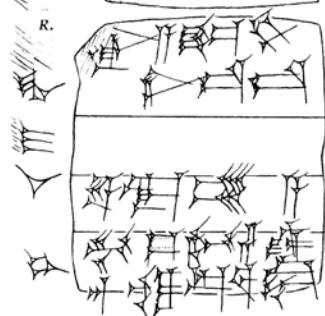
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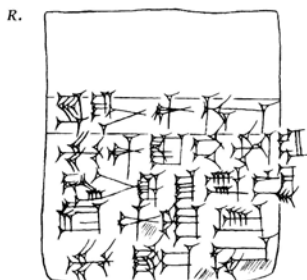
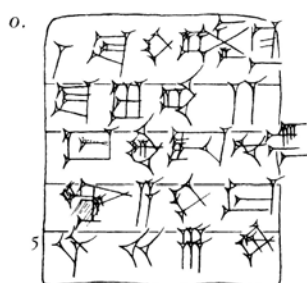
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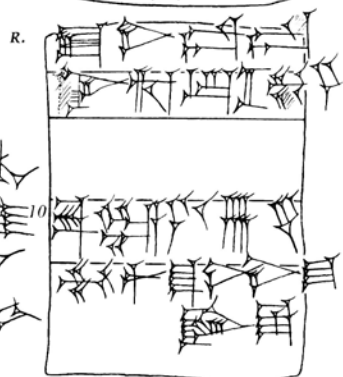
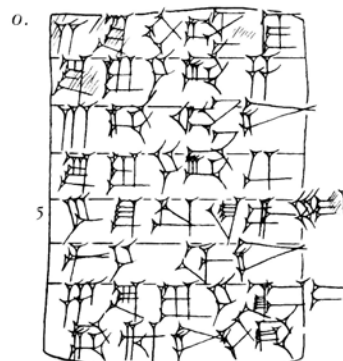
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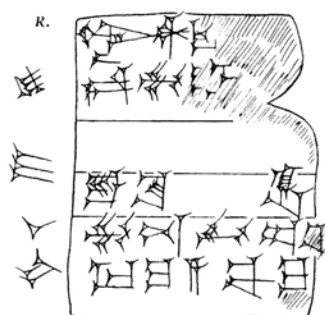
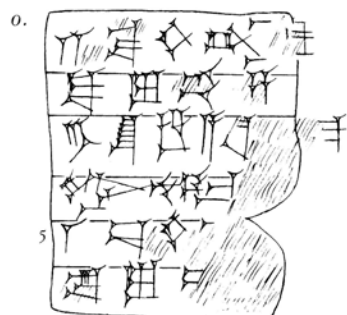
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289



290



291

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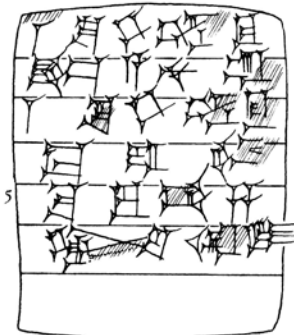


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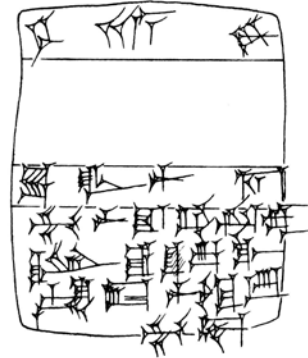


292

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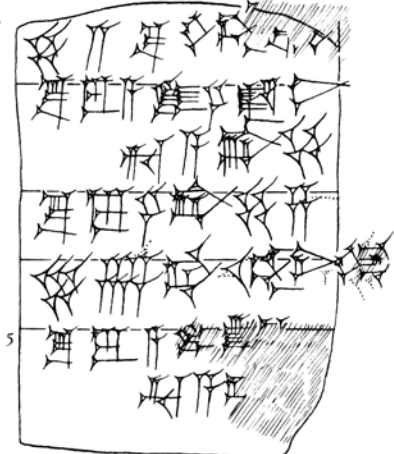


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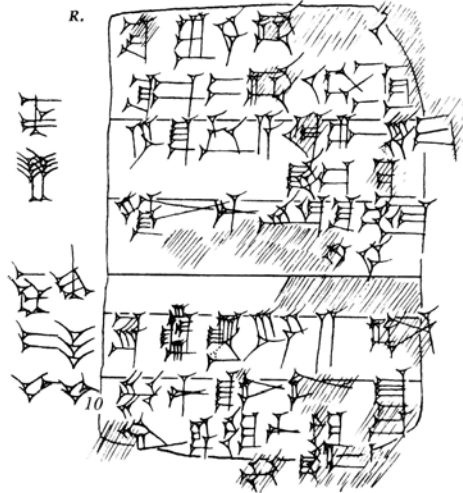


293

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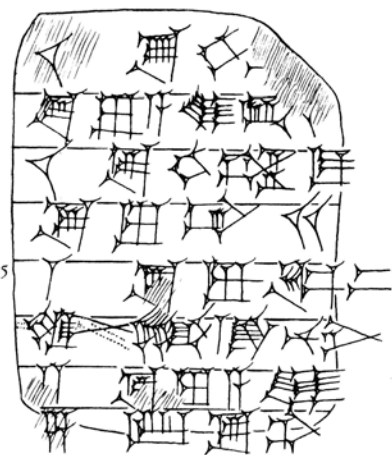


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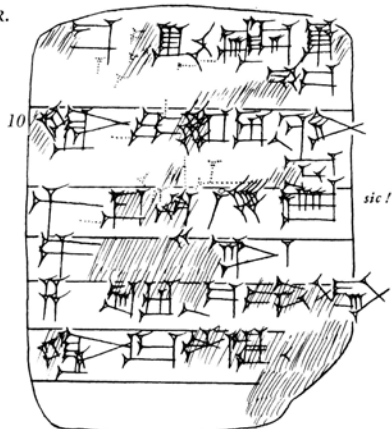


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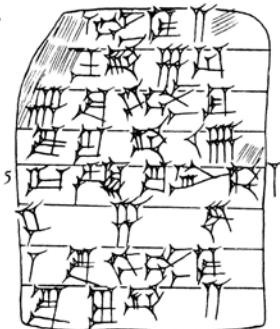


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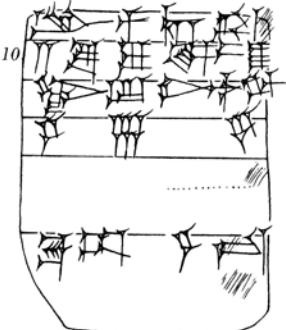


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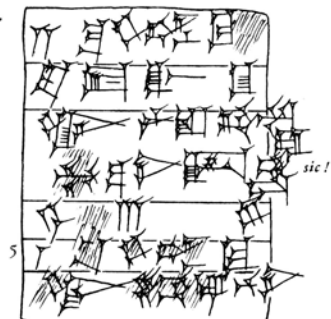


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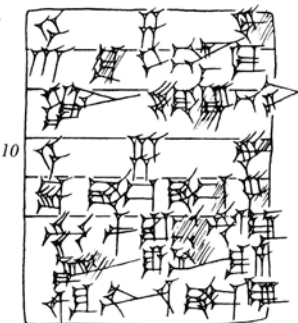


296

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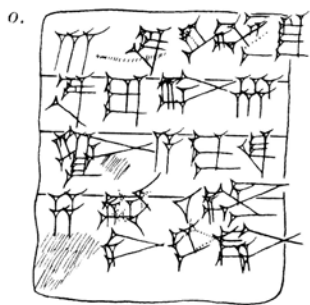
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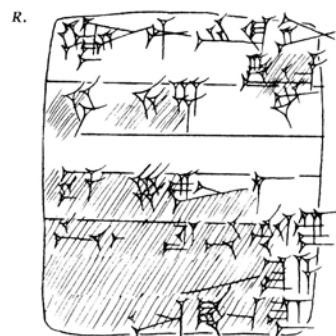
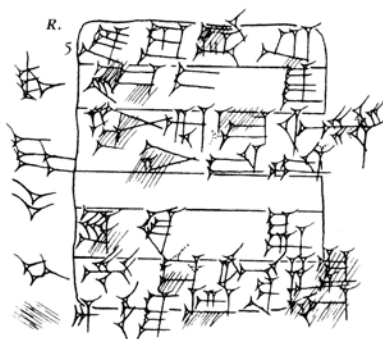
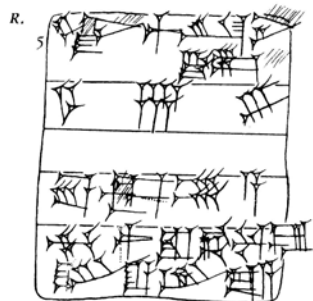
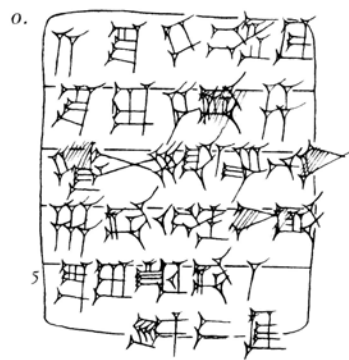
297



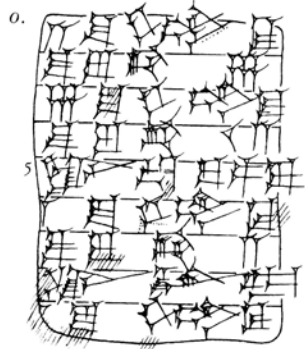
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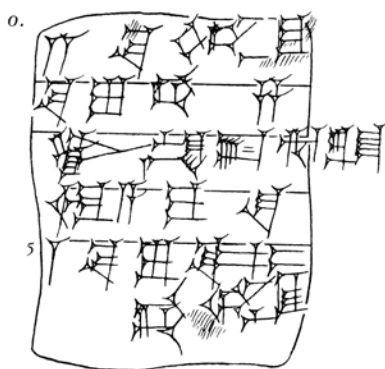
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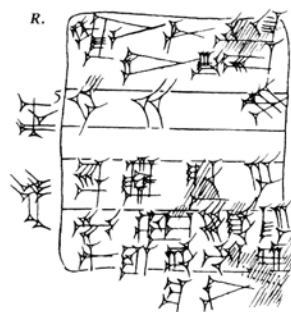
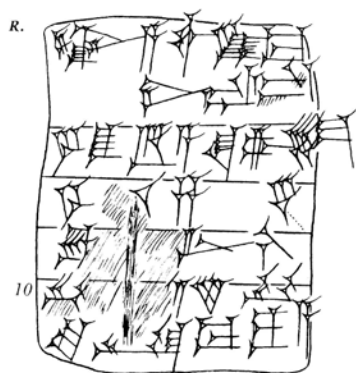
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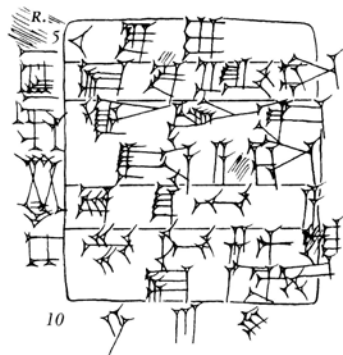
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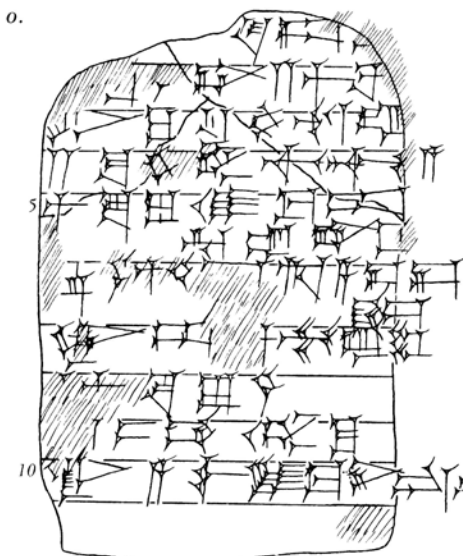
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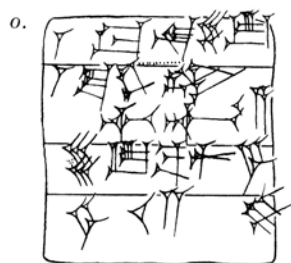
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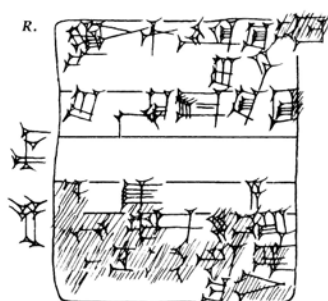
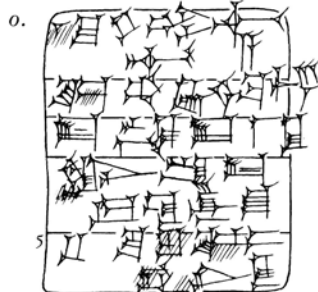
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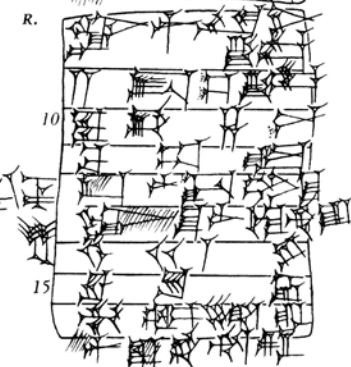
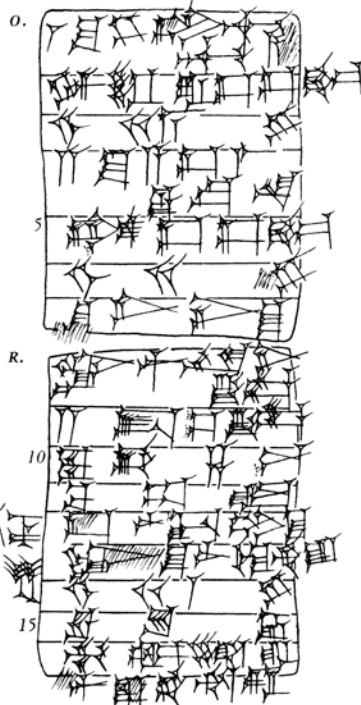
Reverse destroyed



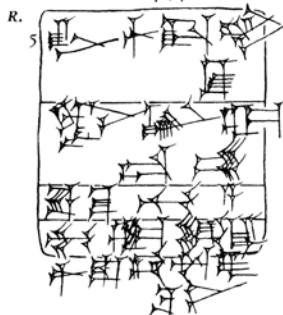
304



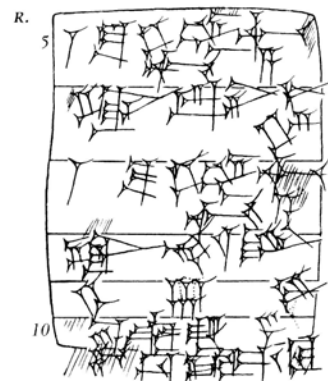
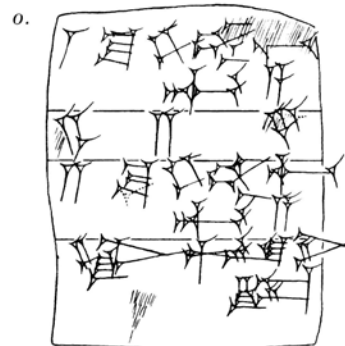
307



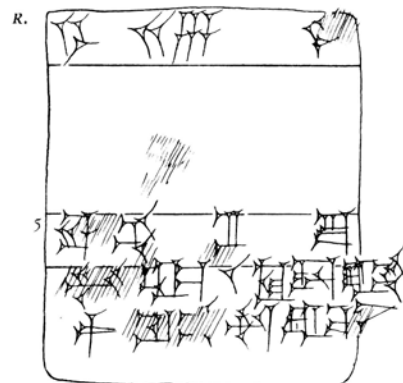
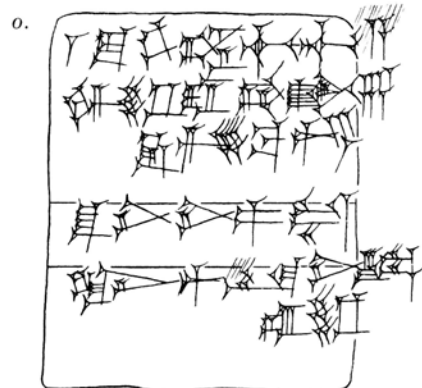
309



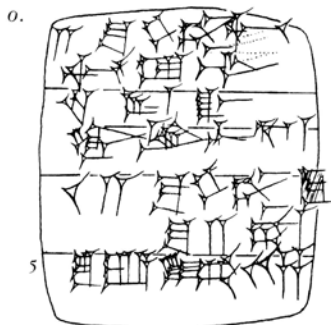
305



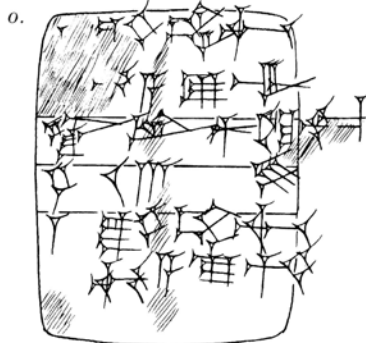
308



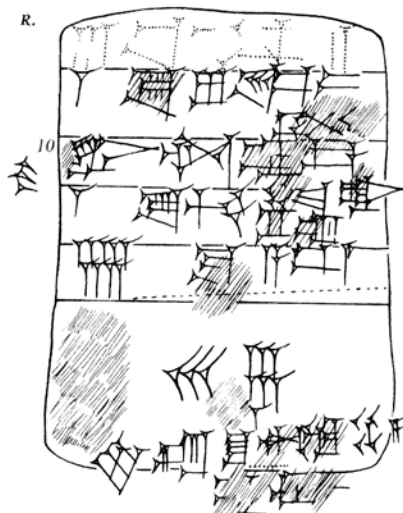
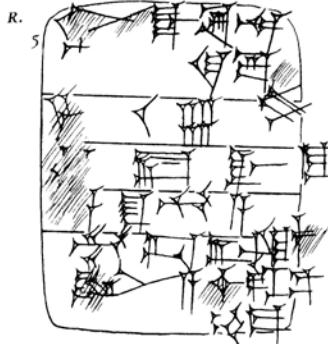
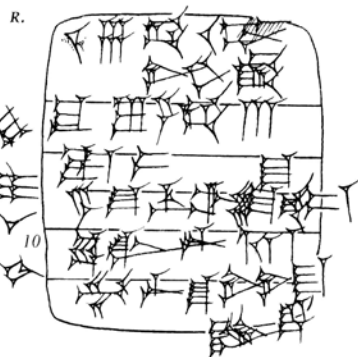
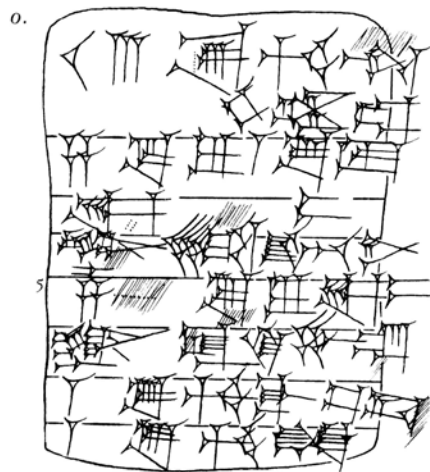
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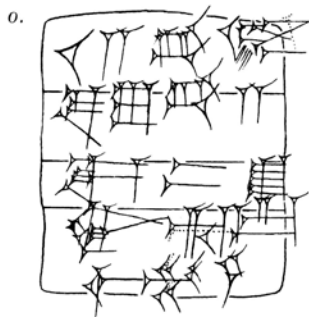
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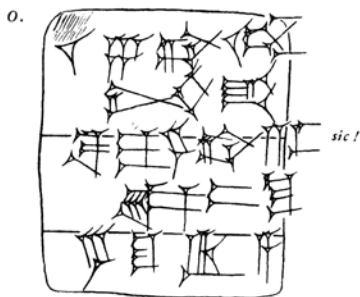
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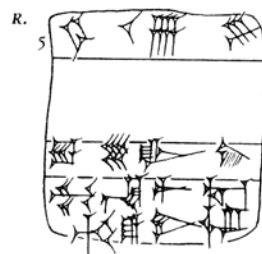
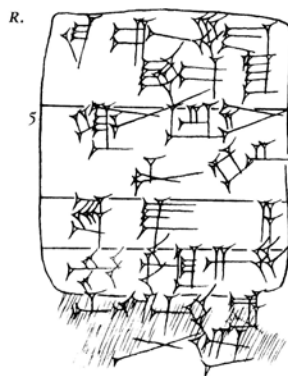
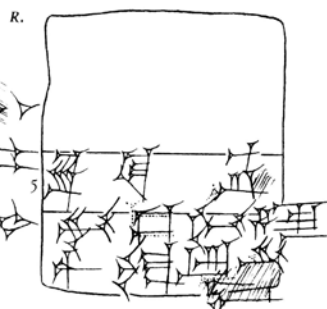
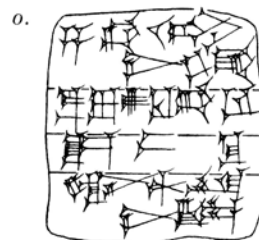
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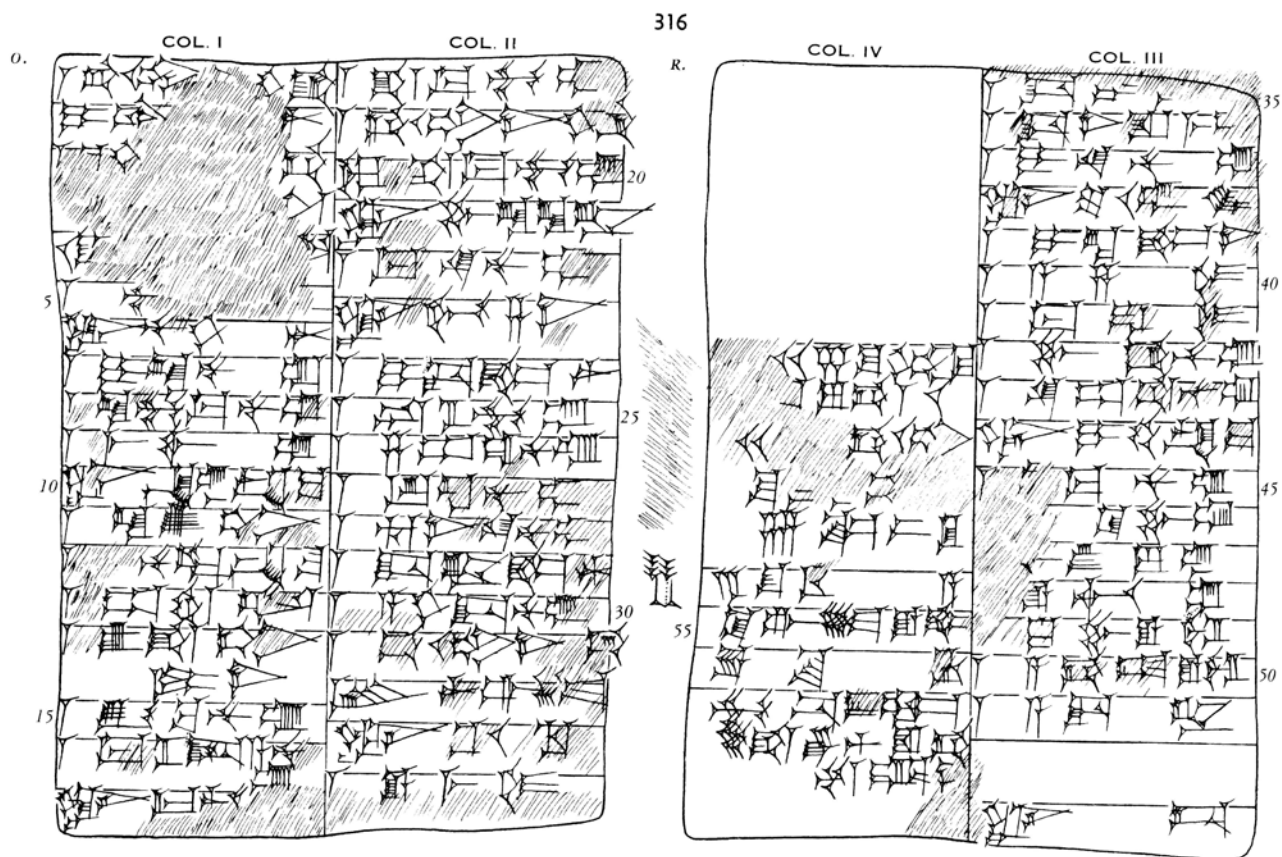


314

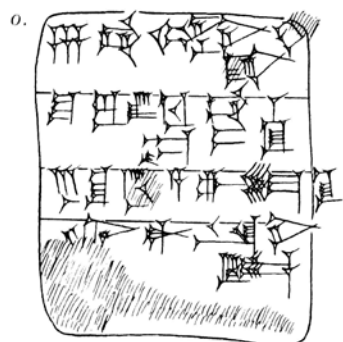


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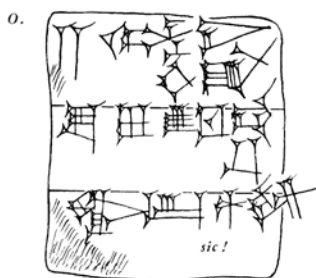




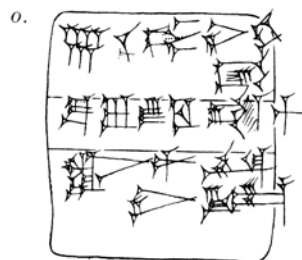
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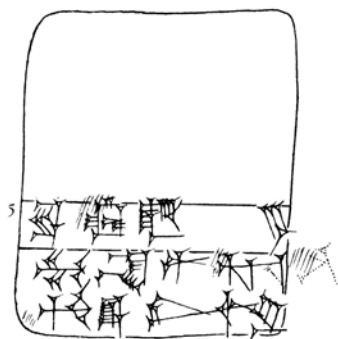
318



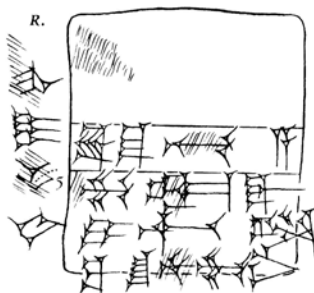
319



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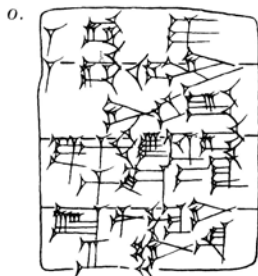
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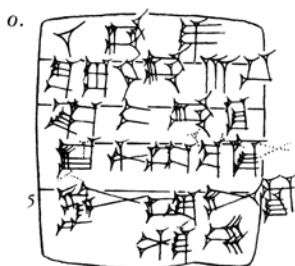
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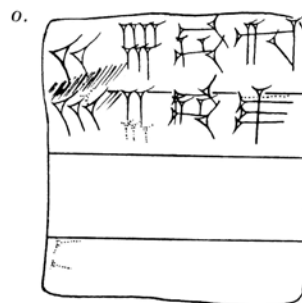
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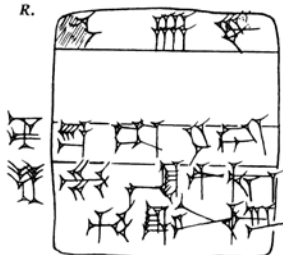
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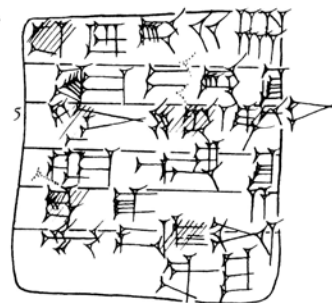
322



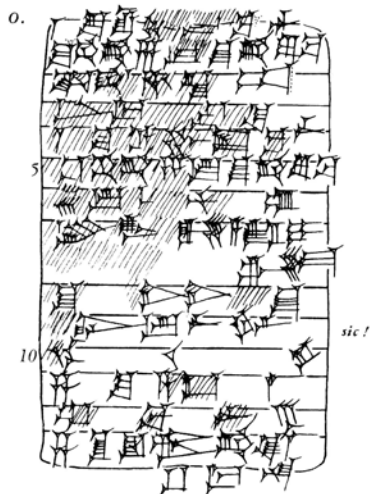
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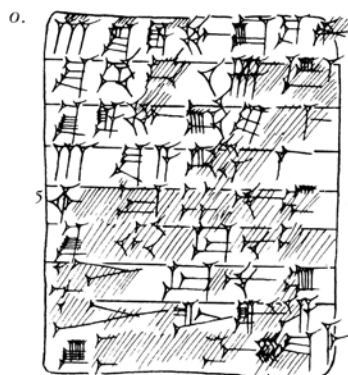
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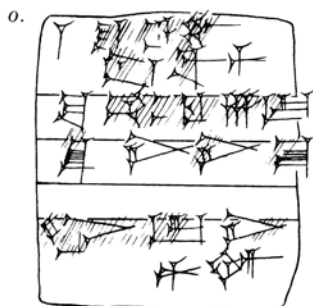
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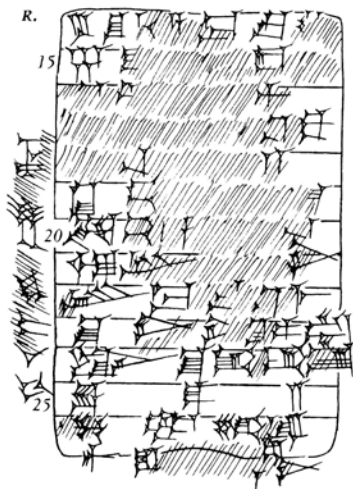
325



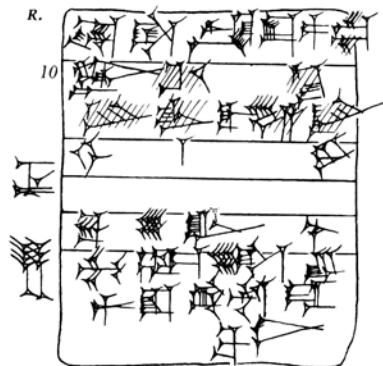
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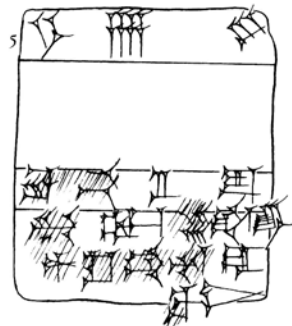
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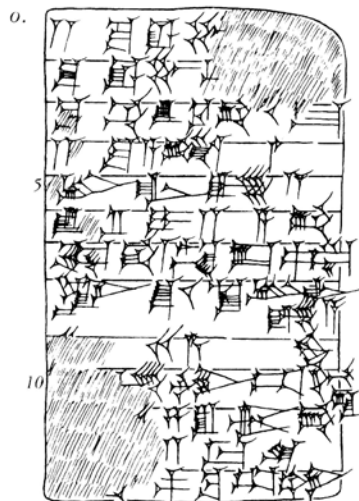
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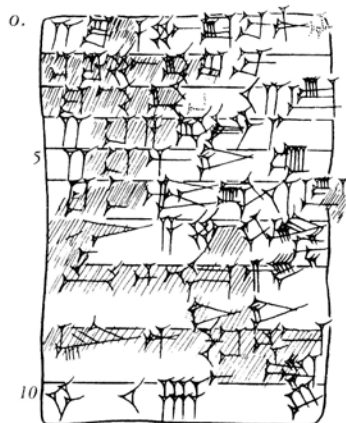
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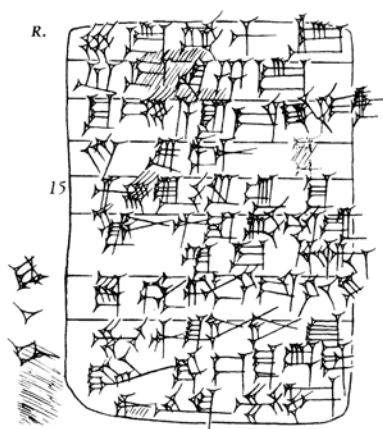
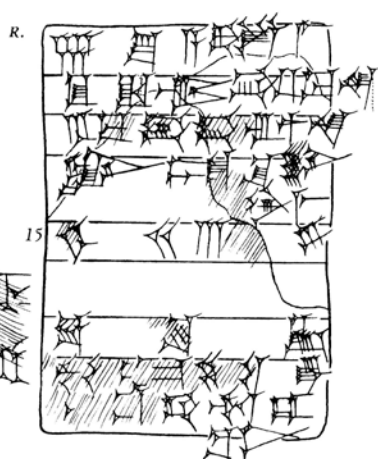
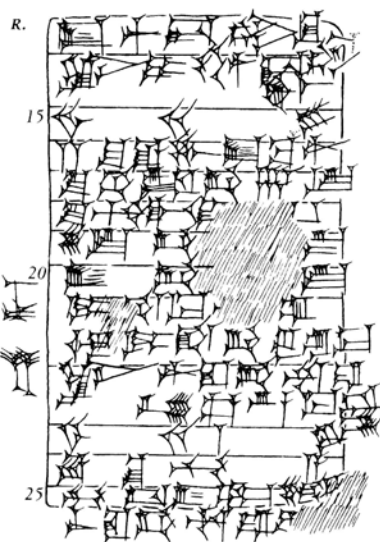
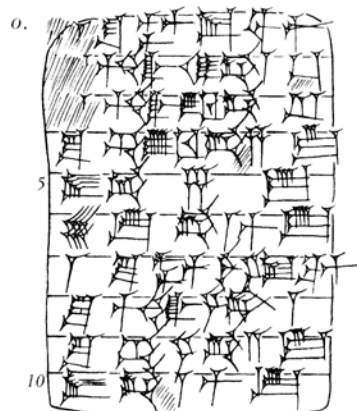
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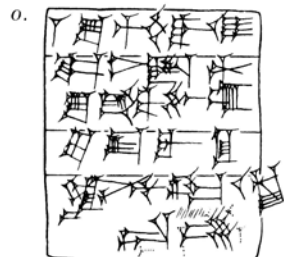
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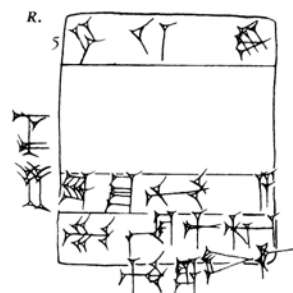
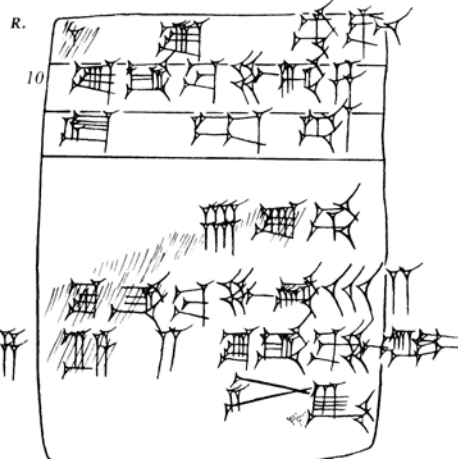
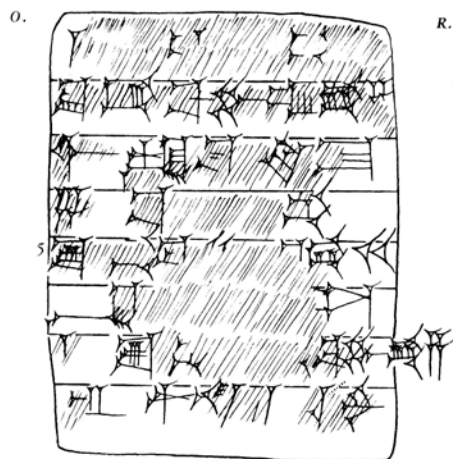
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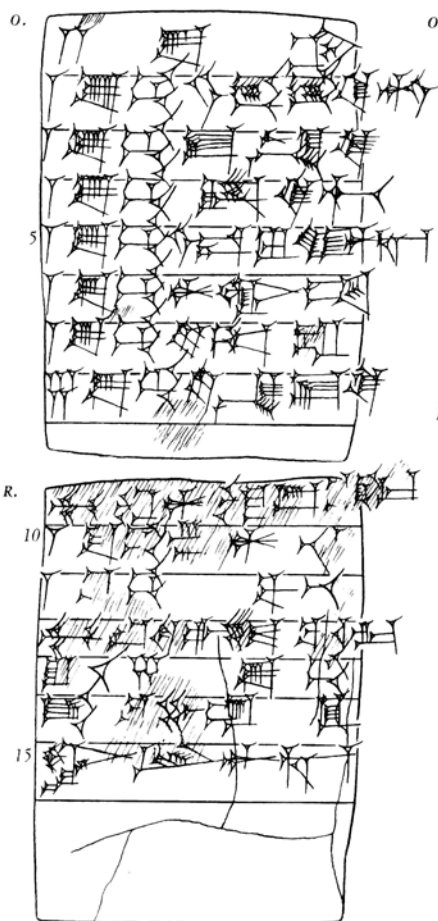
330



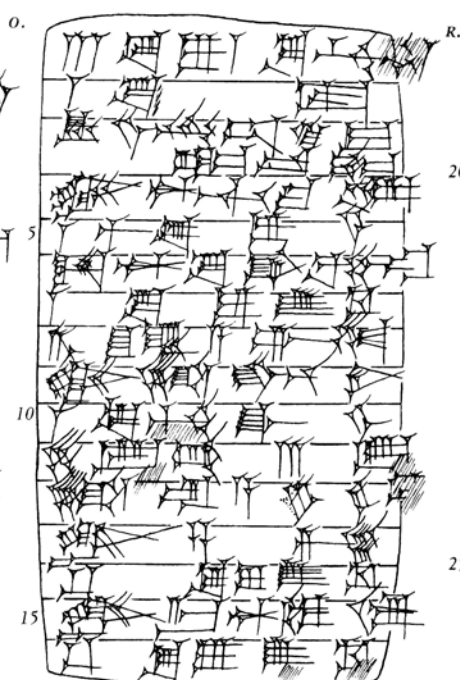
329



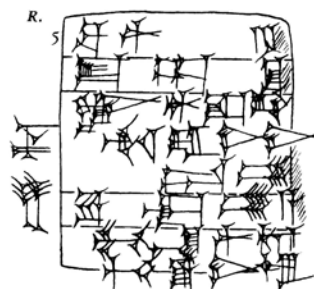
331



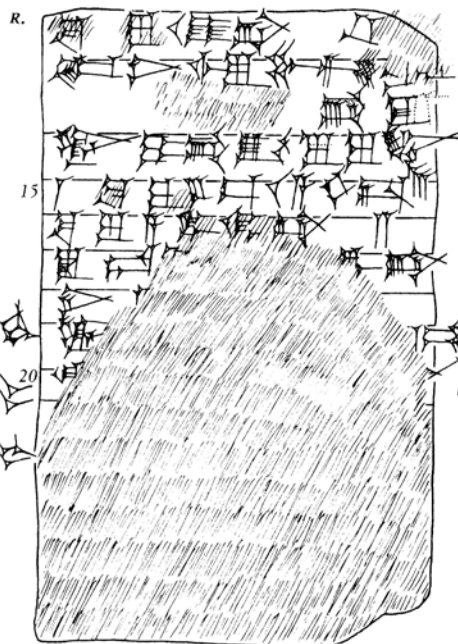
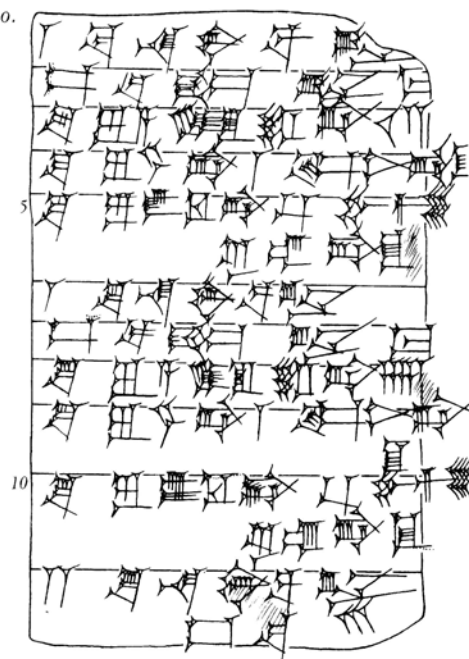
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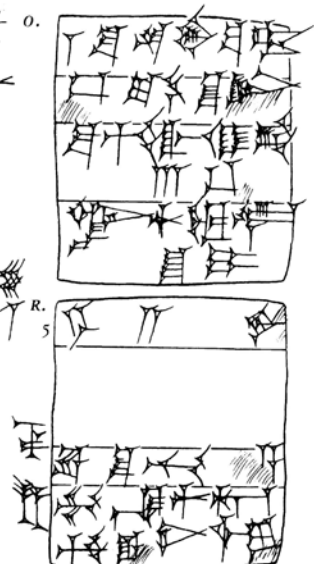
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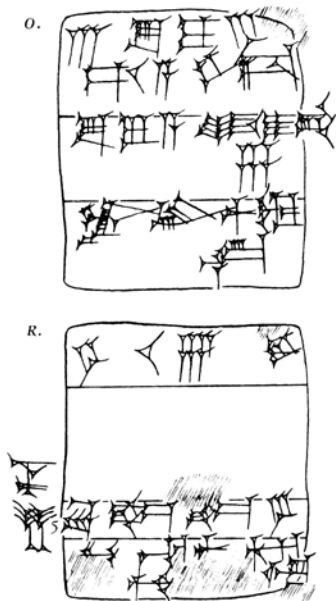
334



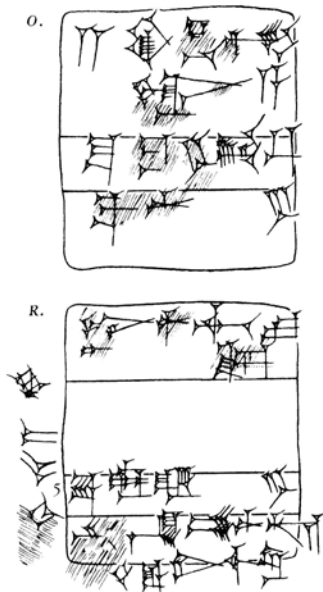
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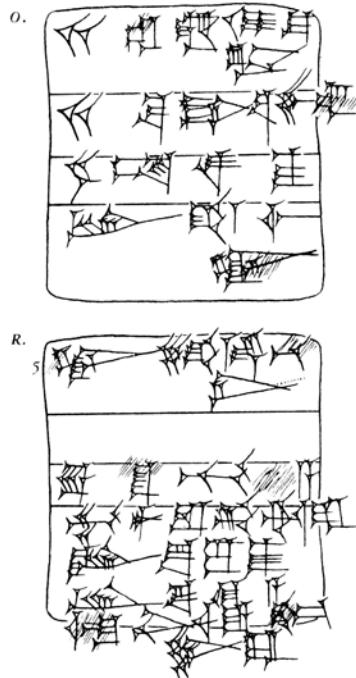
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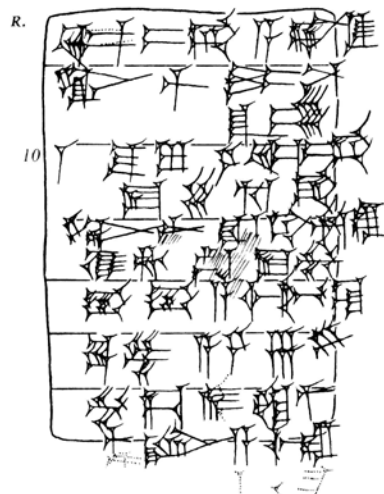
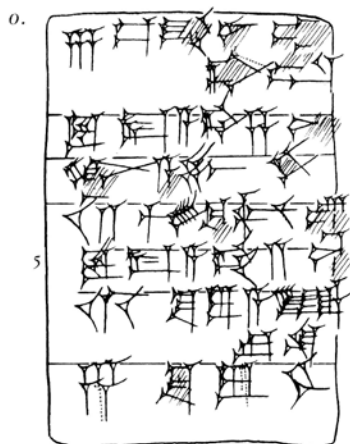
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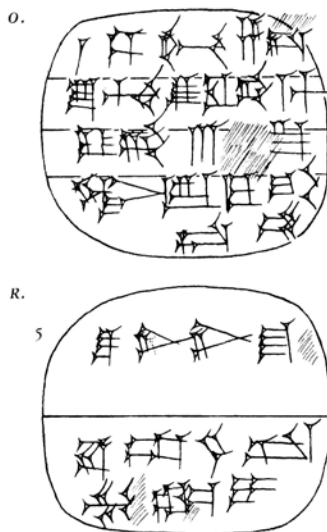
338



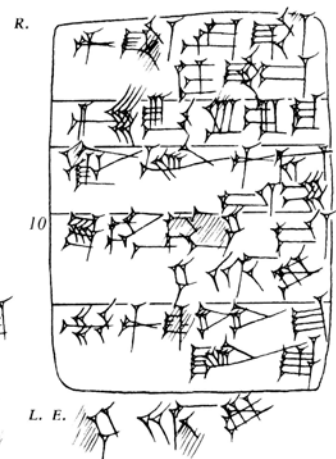
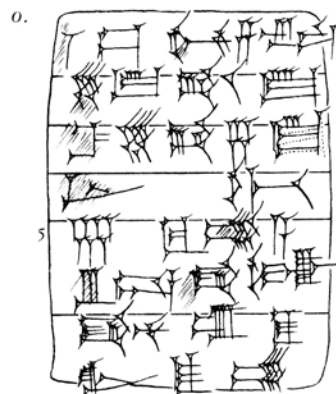
339



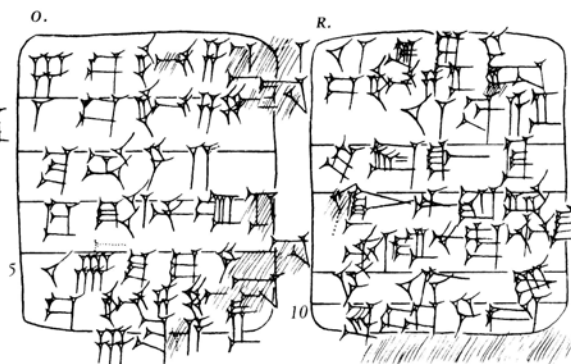
340



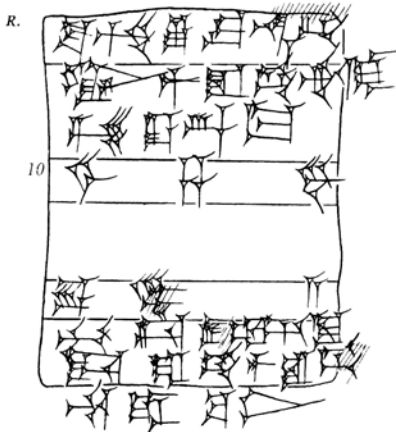
341



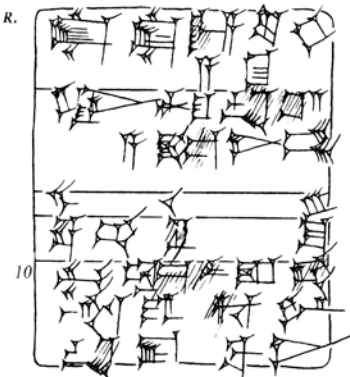
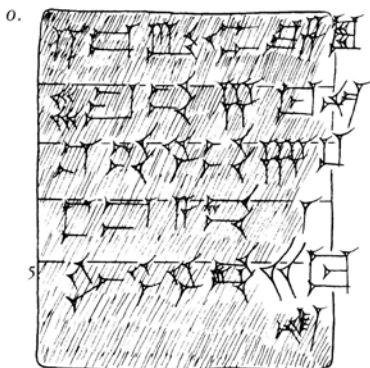
342



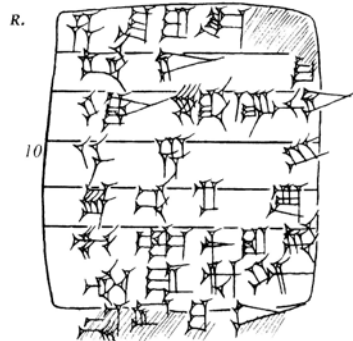
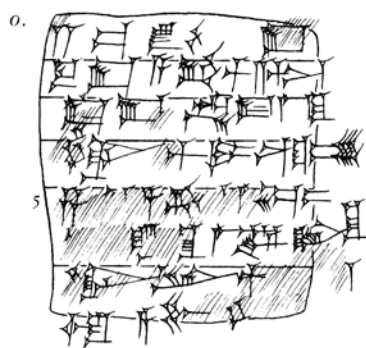
343



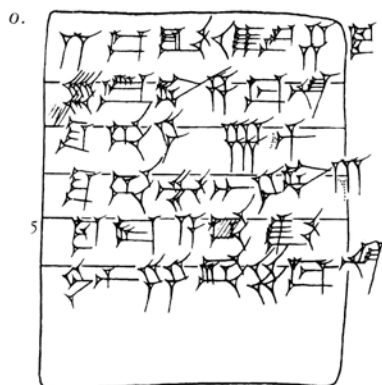
346



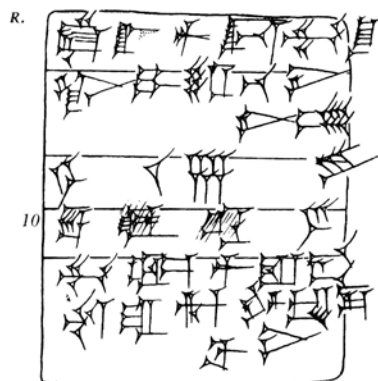
344



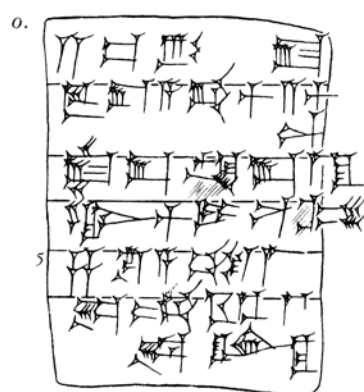
347



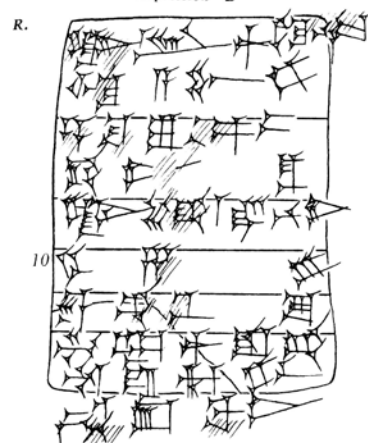
Seal impression B



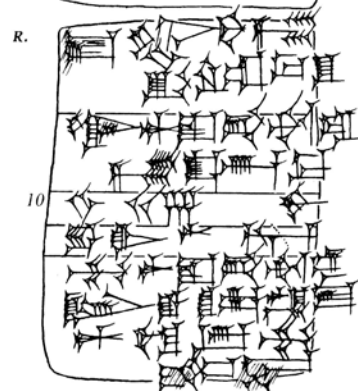
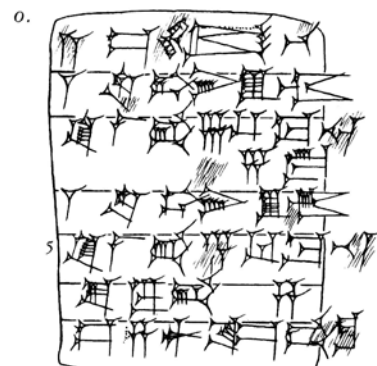
345



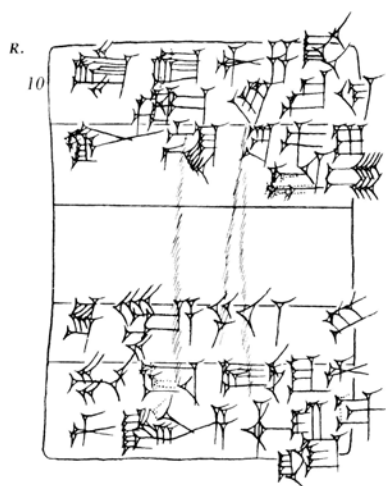
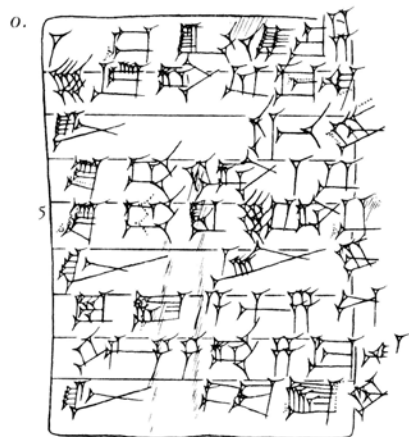
Seal impression B



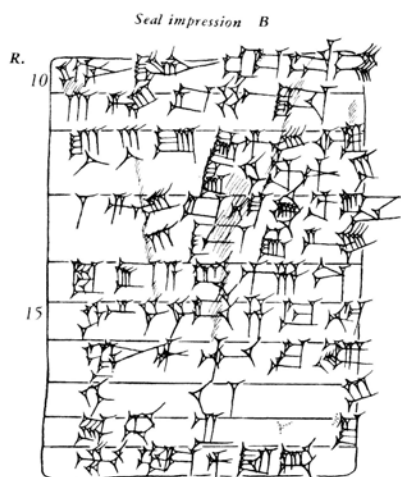
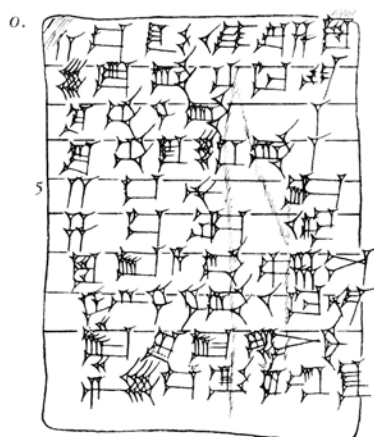
348



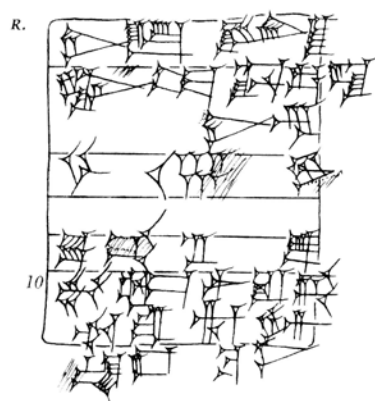
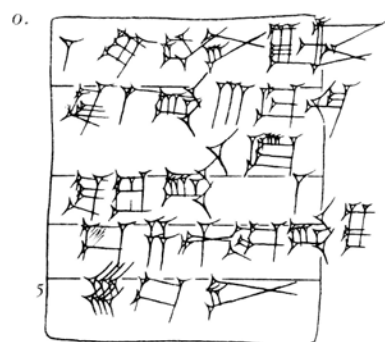
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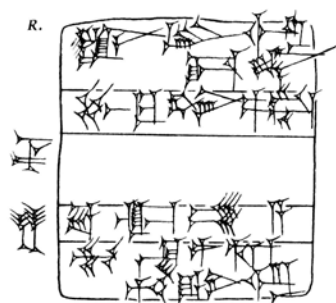
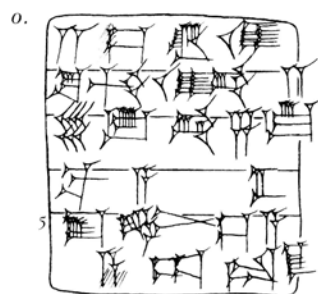
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351



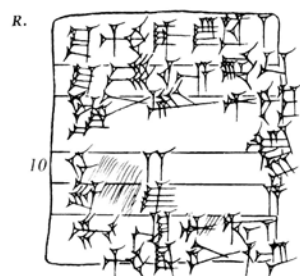
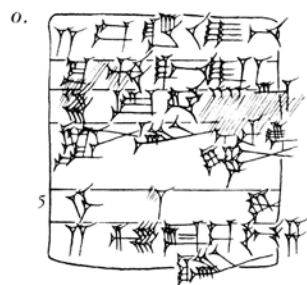
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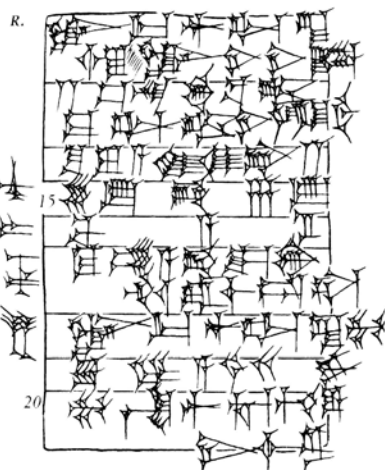
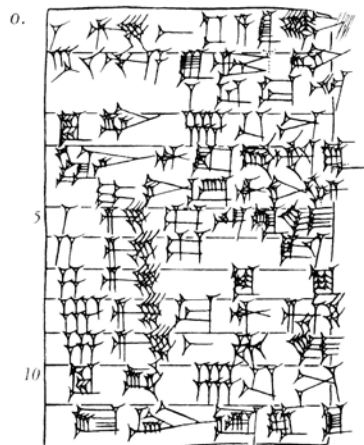
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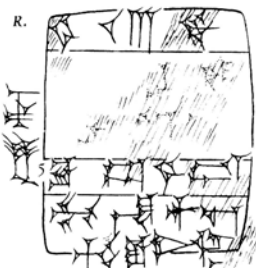
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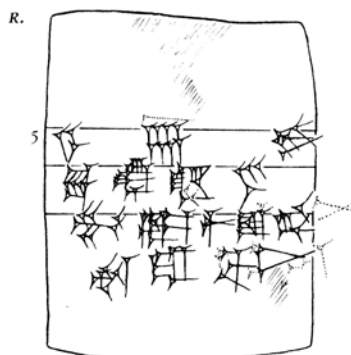
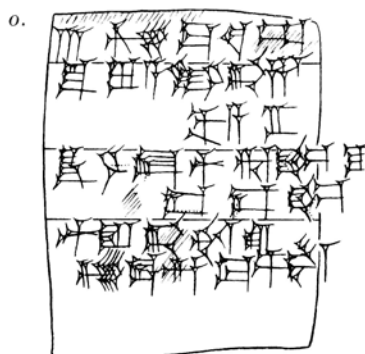
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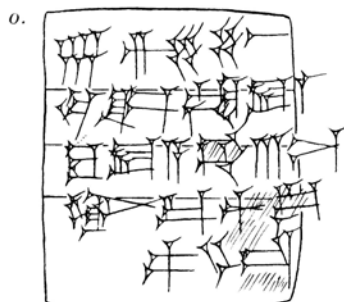
358



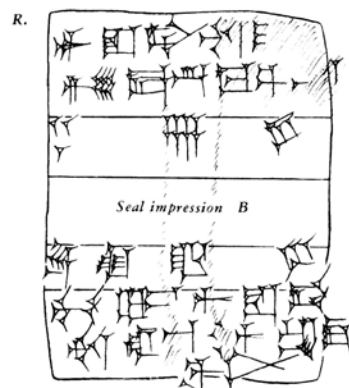
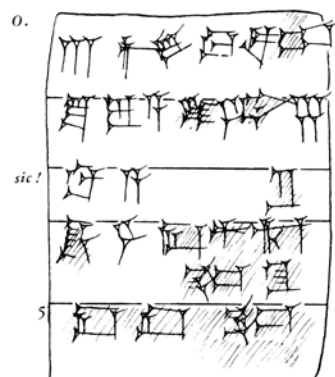
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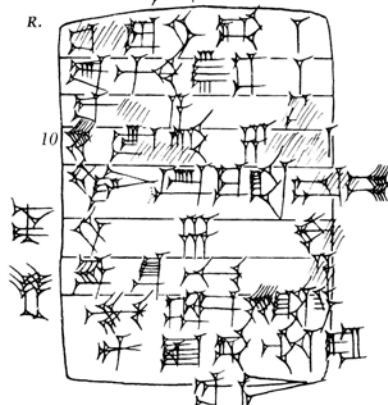
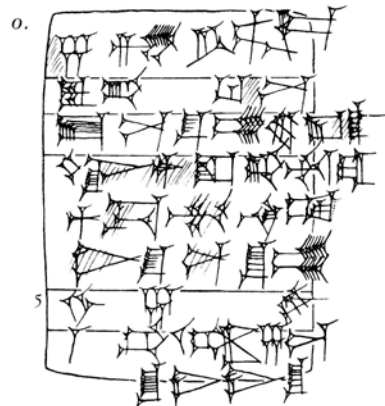
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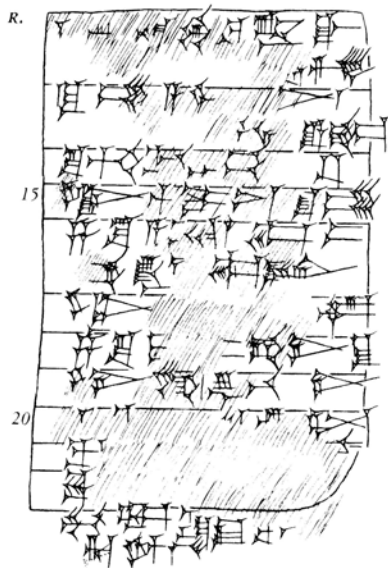
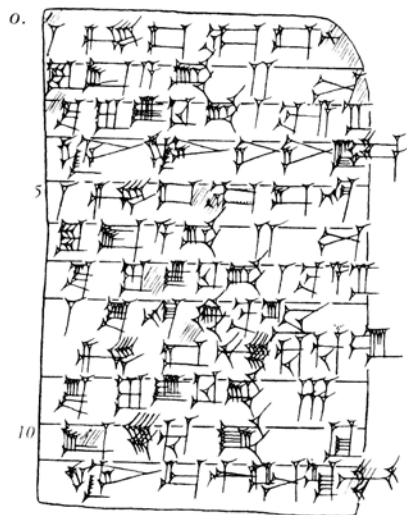
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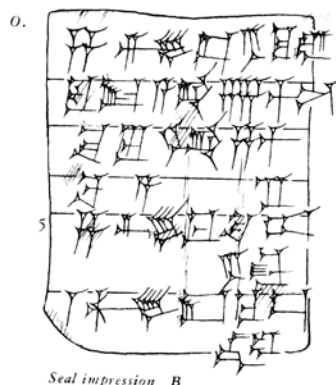
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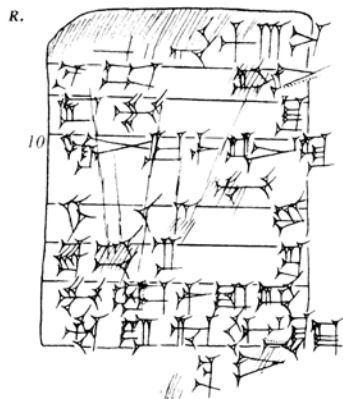
361



362



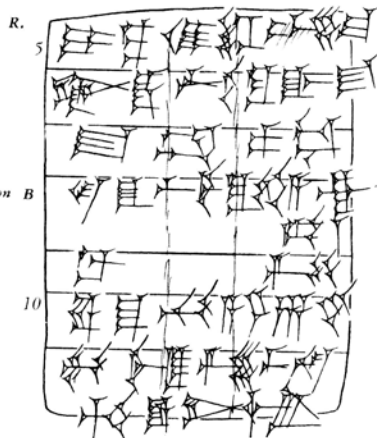
Seal impression B



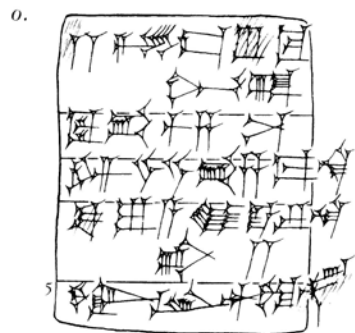
363



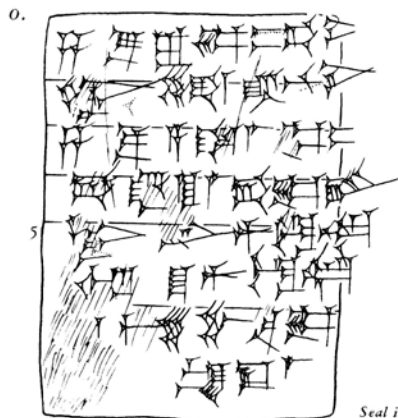
Seal impression B



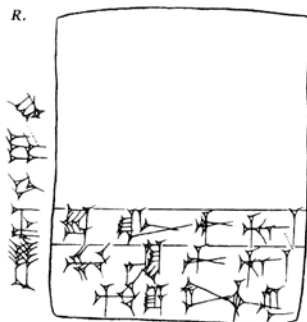
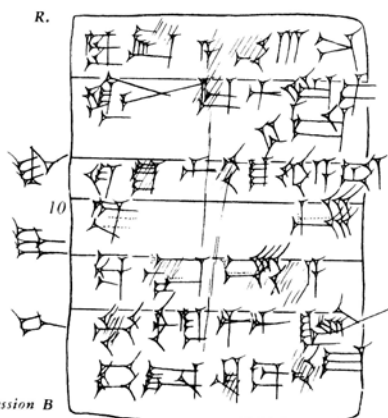
364



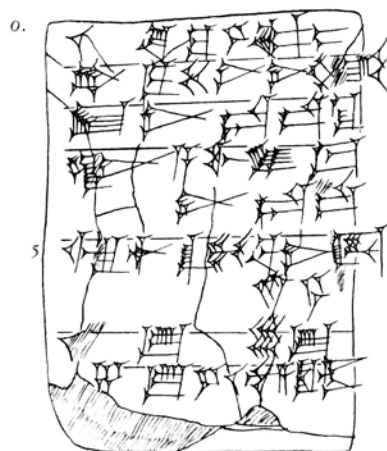
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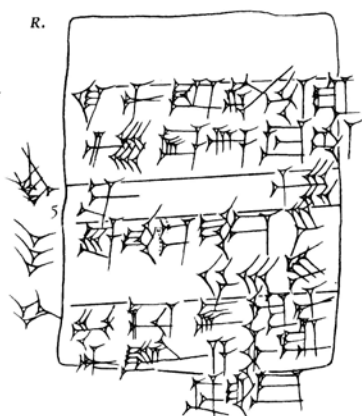
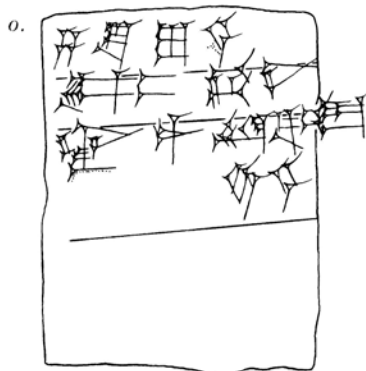
Seal impression B



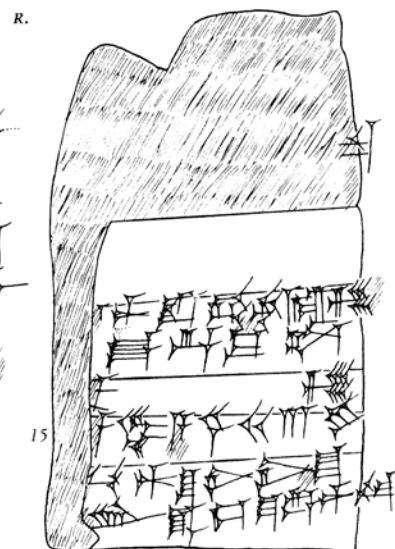
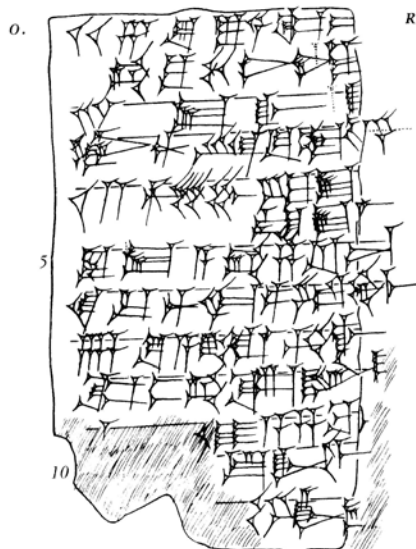
366



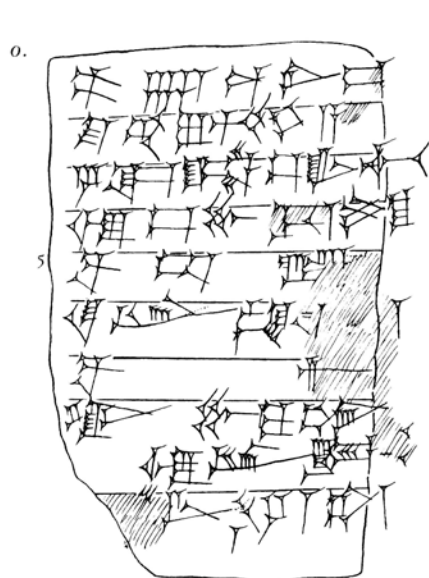
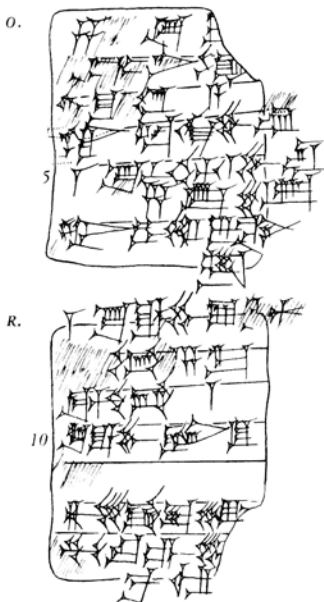
367



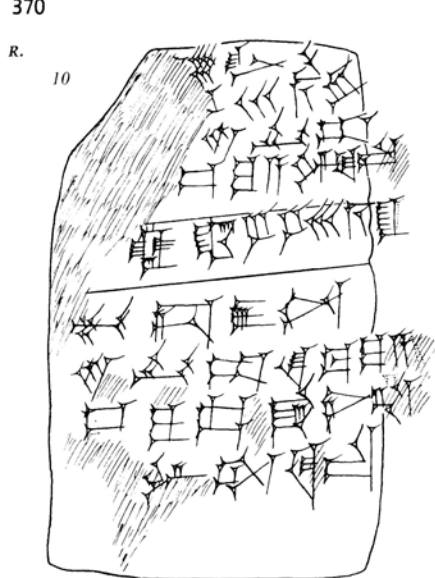
368



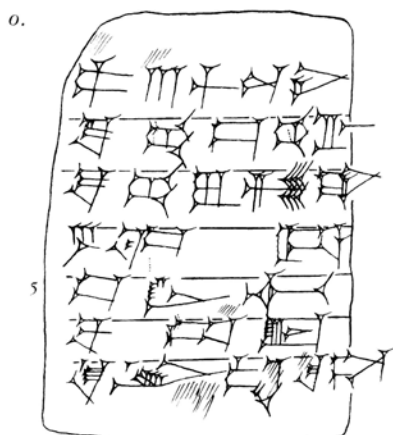
369



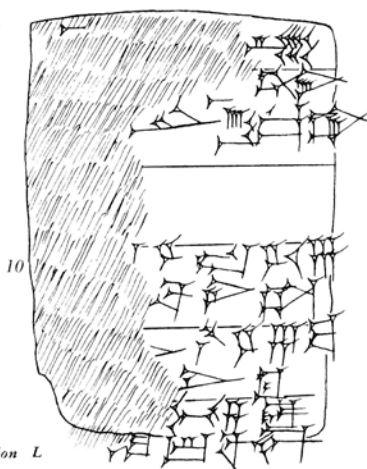
370



371



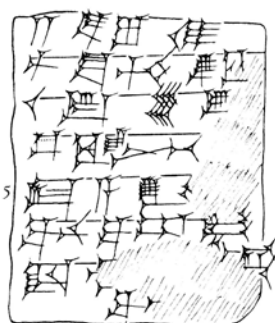
R.



Seal impression L

372

O.

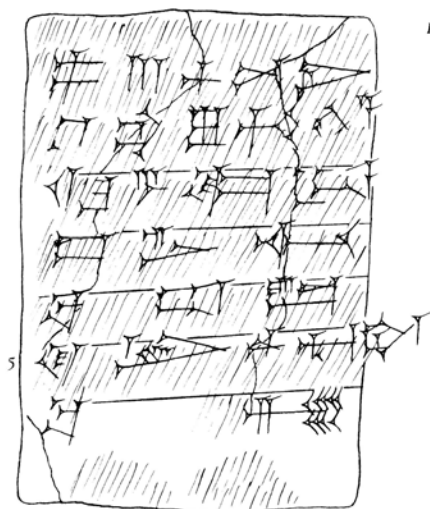


R.

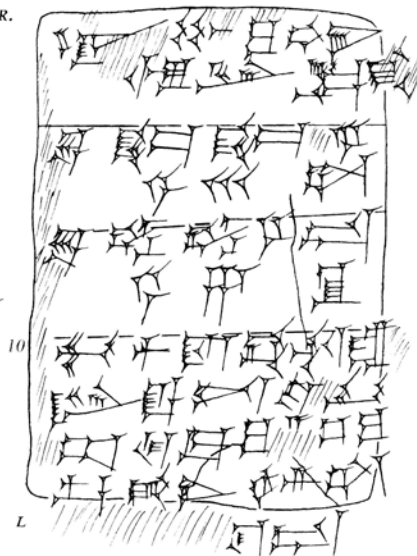


373

O.



R.



Seal impressions B L

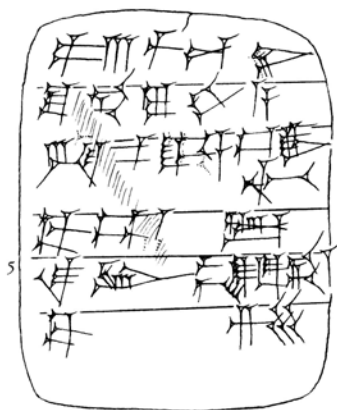
374

O.

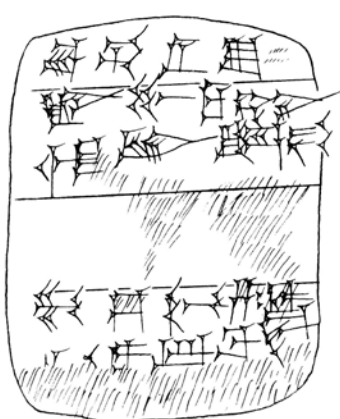


375

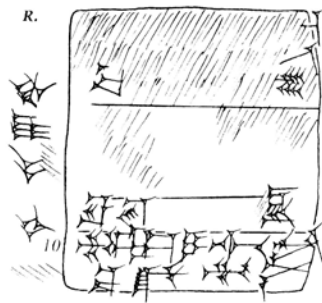
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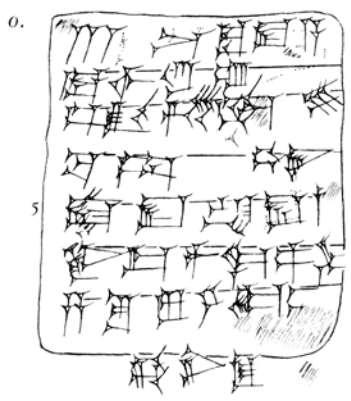
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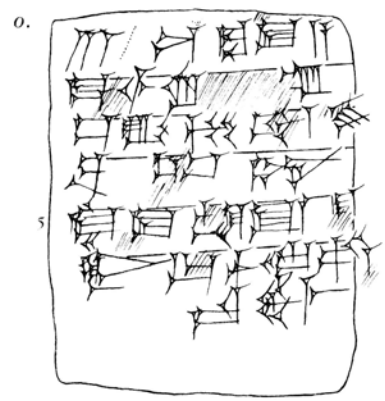
R.



376



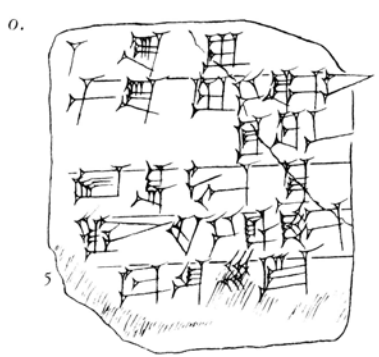
377



378



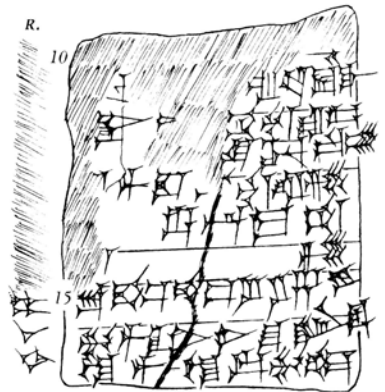
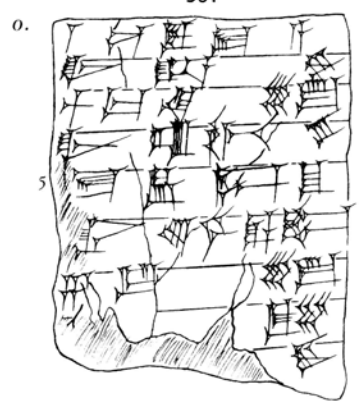
379



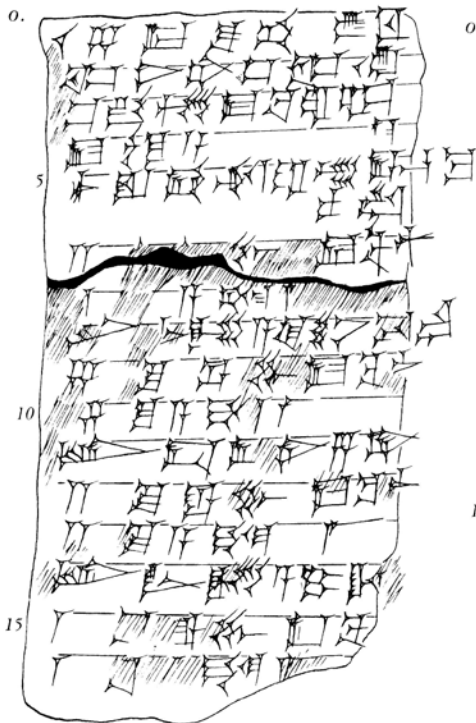
380



381



382



Seal impression M



Seal impression B

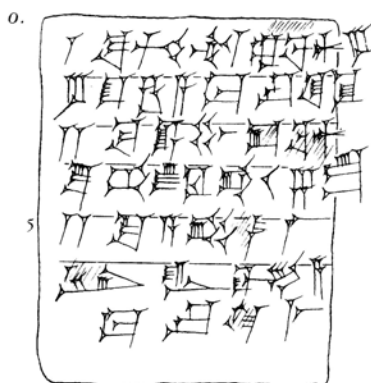
383



L. E.

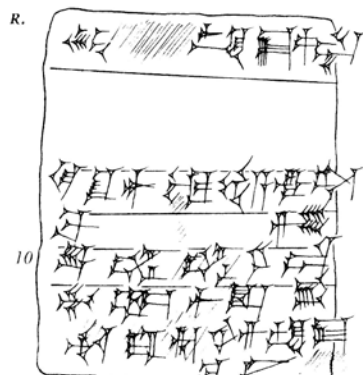


L. E.



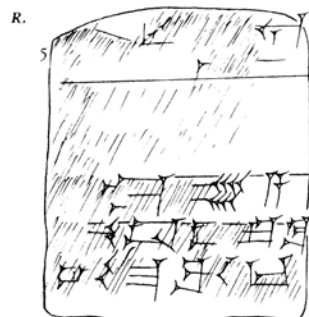
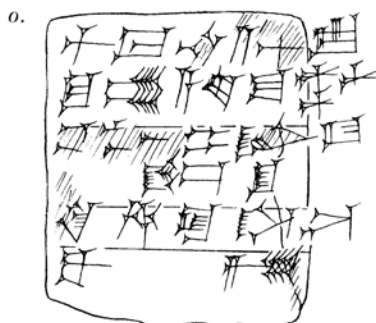
Seal impression B

384

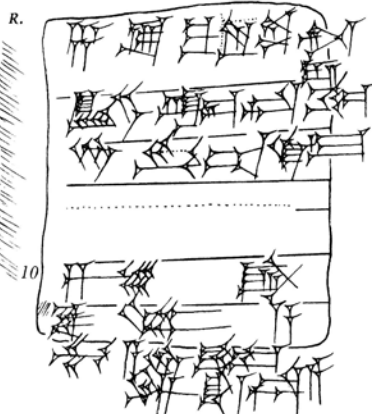
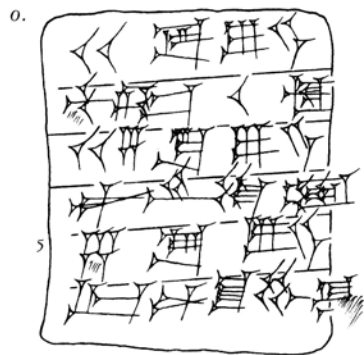


L. E.

385



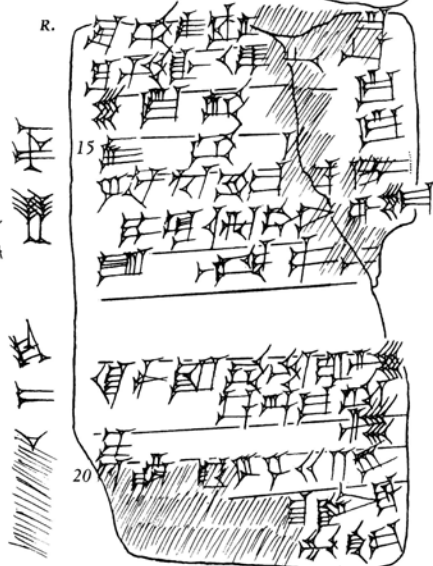
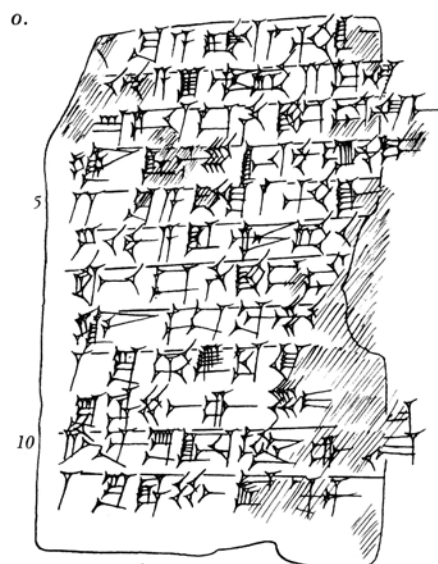
386



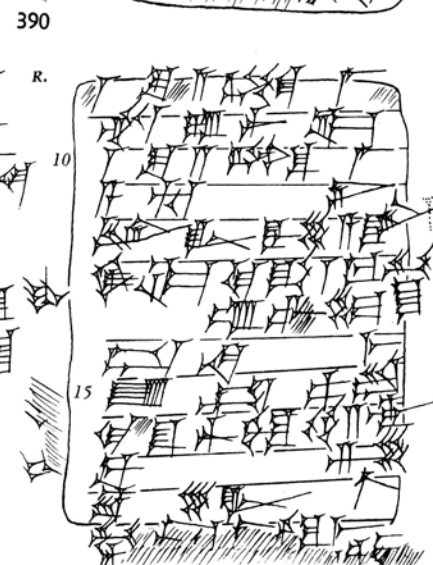
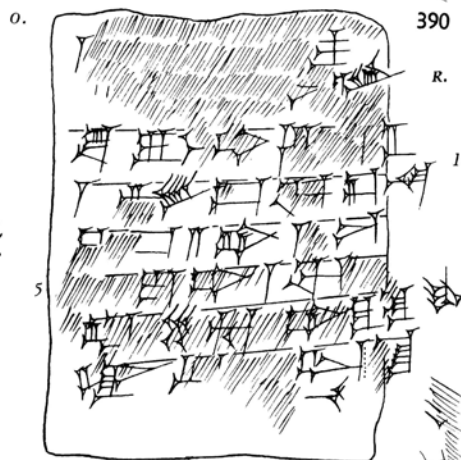
387

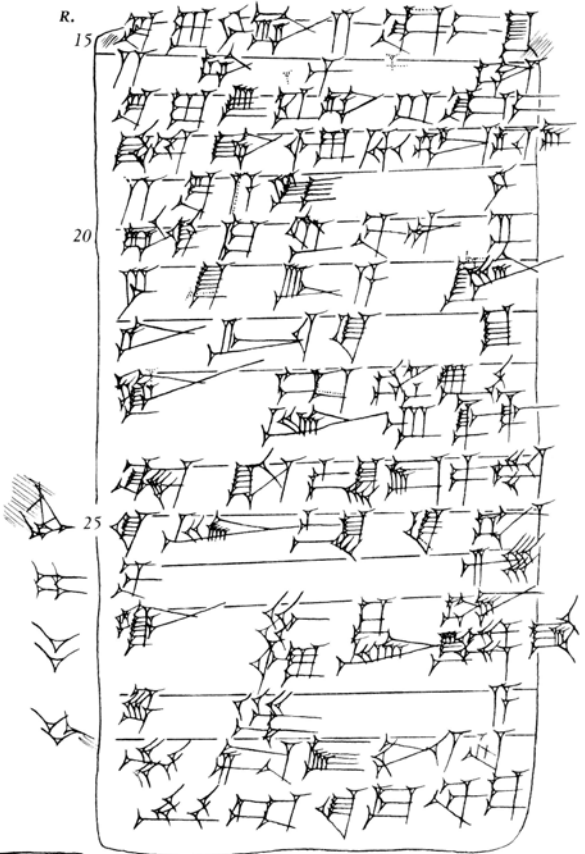
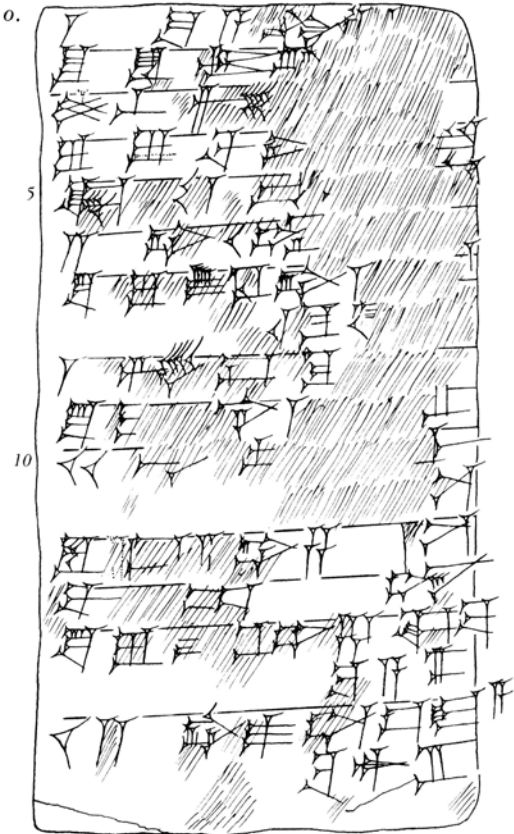


388

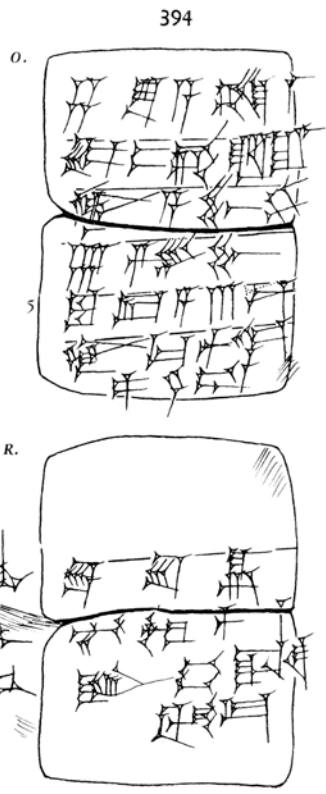
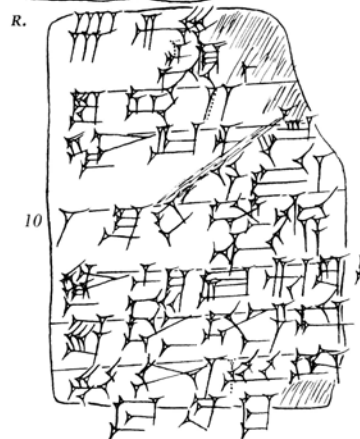
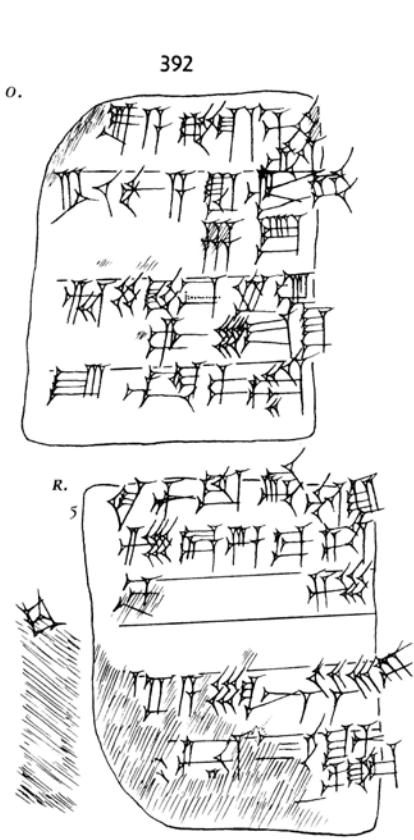


389

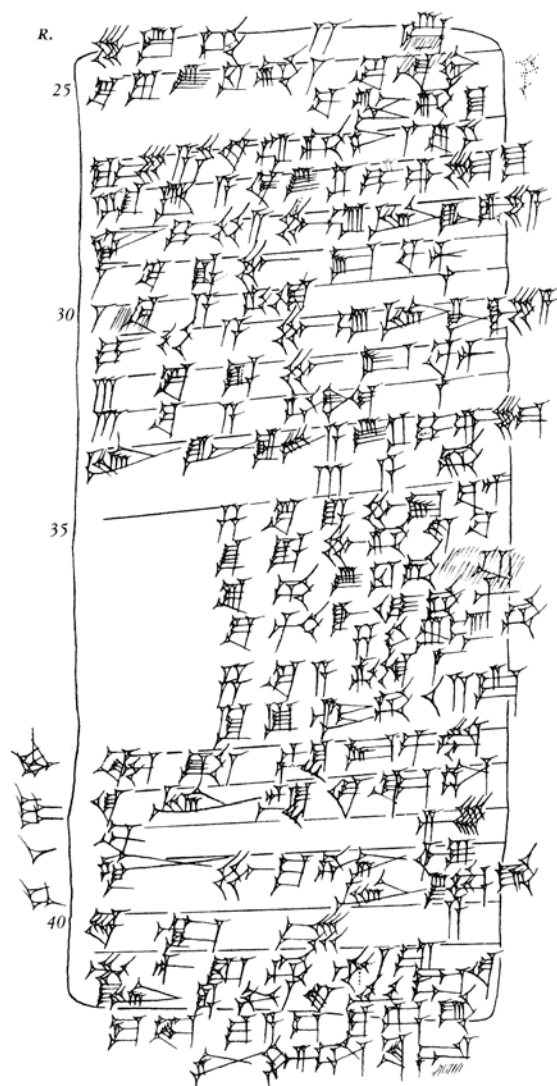
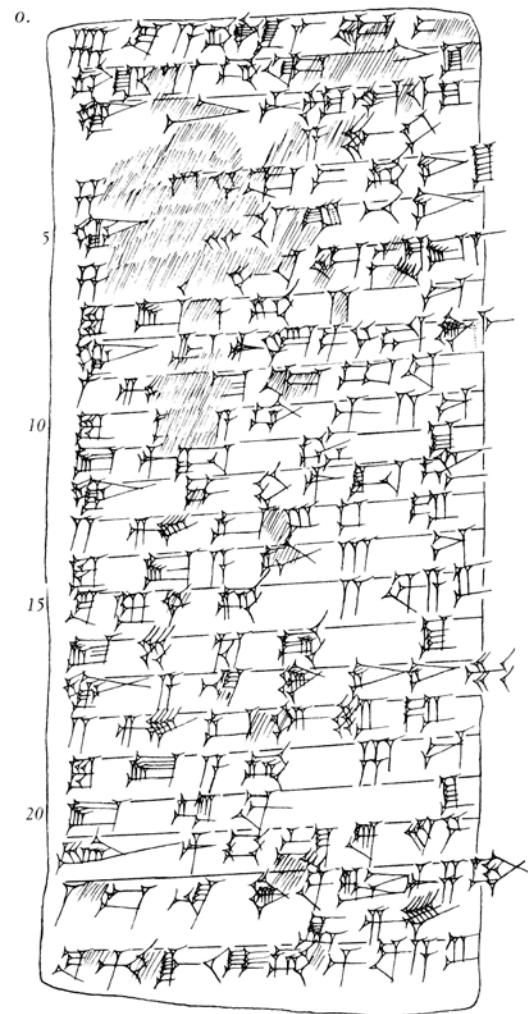




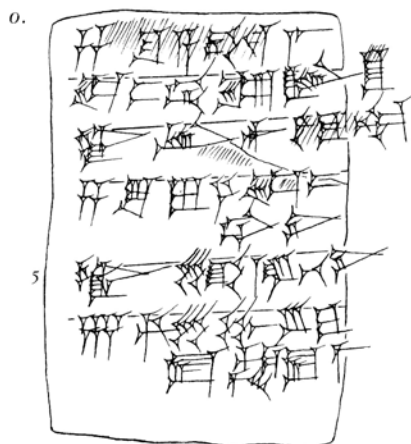
393



395



396

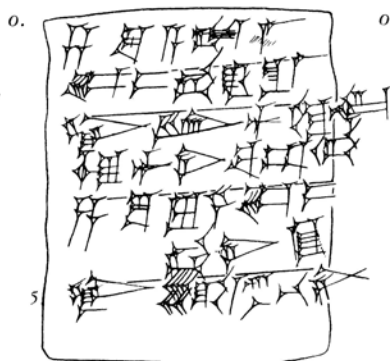


397



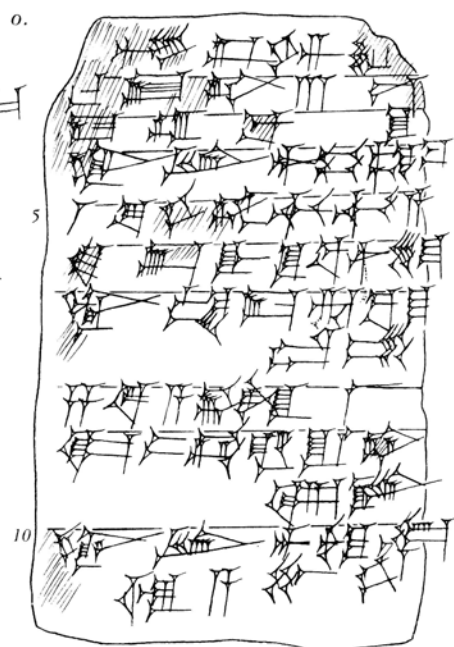
Seal impression M

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Seal impression M

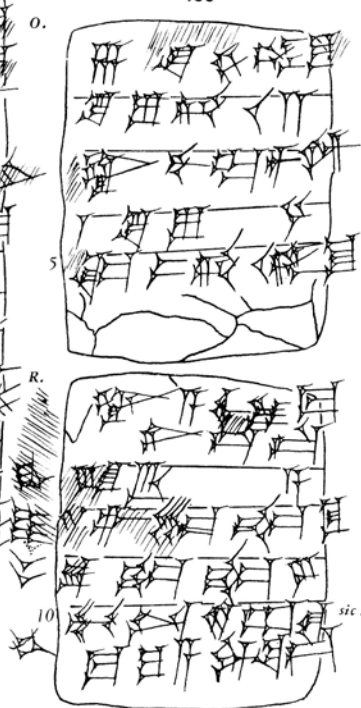
399



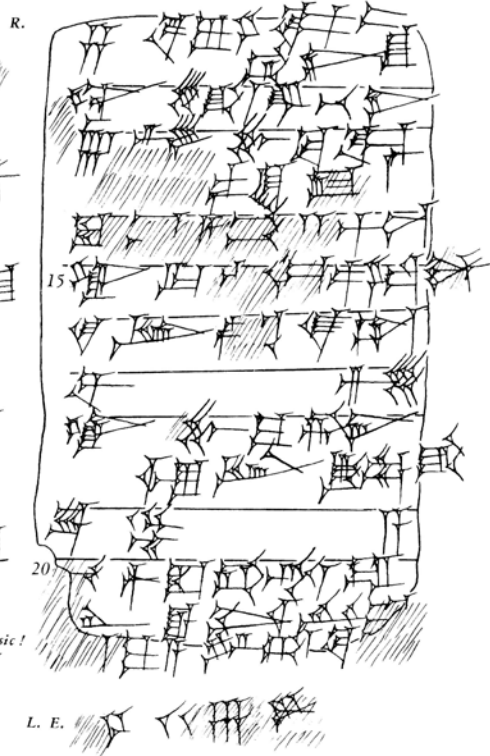
397



400

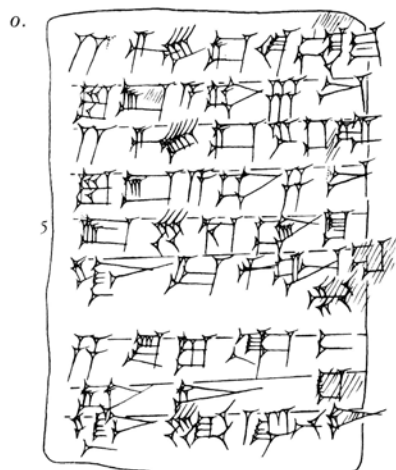


399

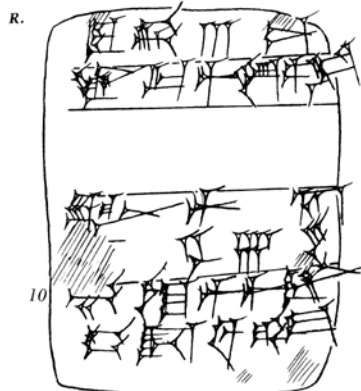
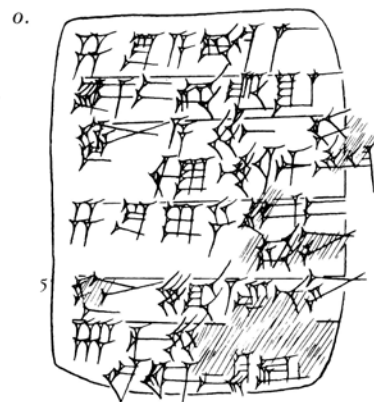


L. E.

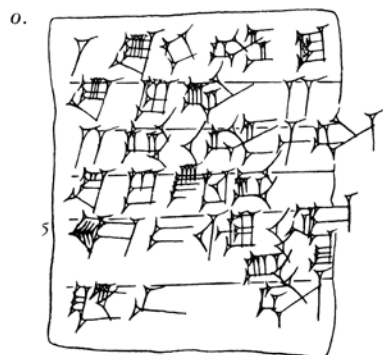
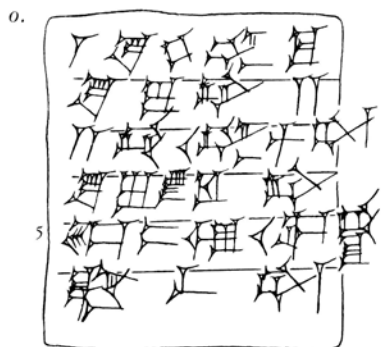
401



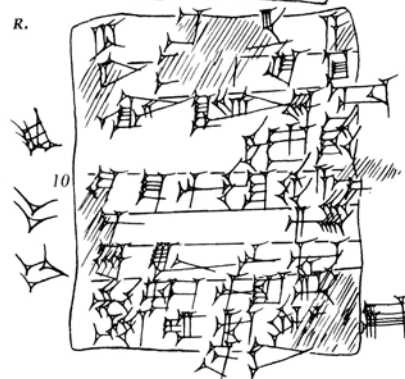
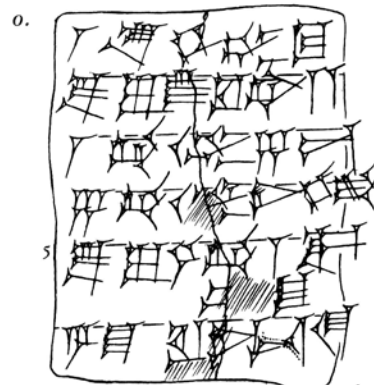
402



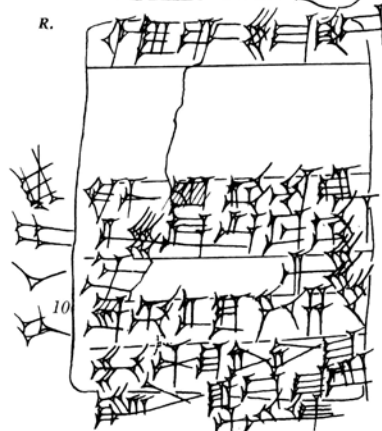
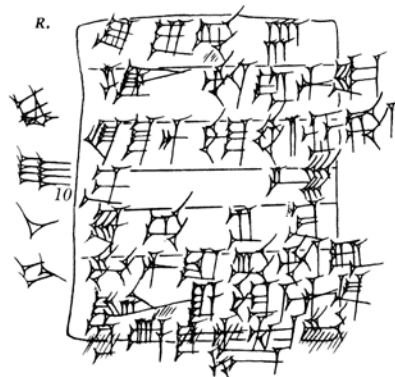
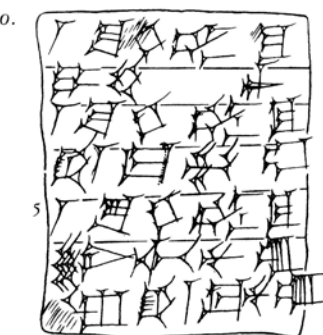
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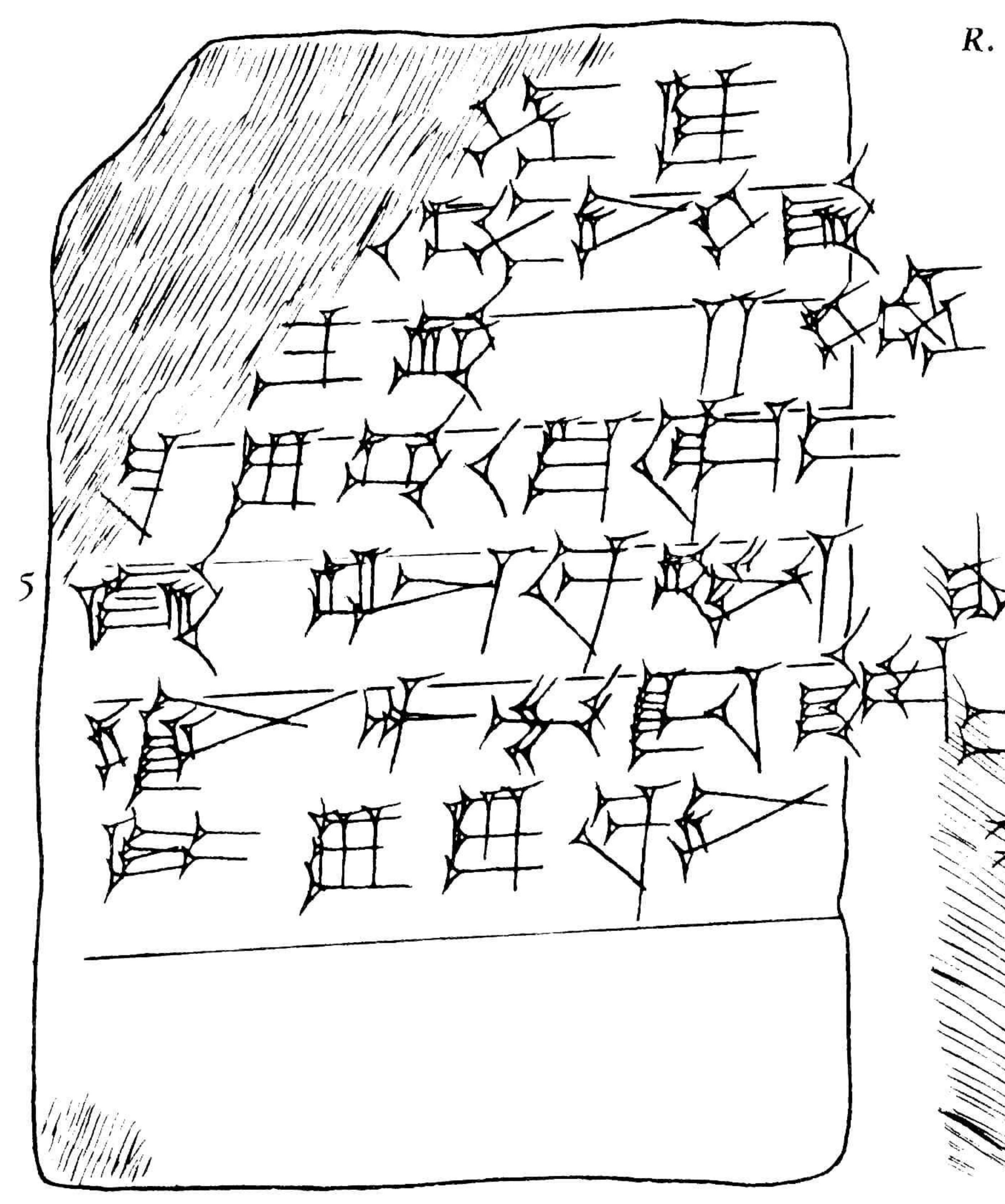


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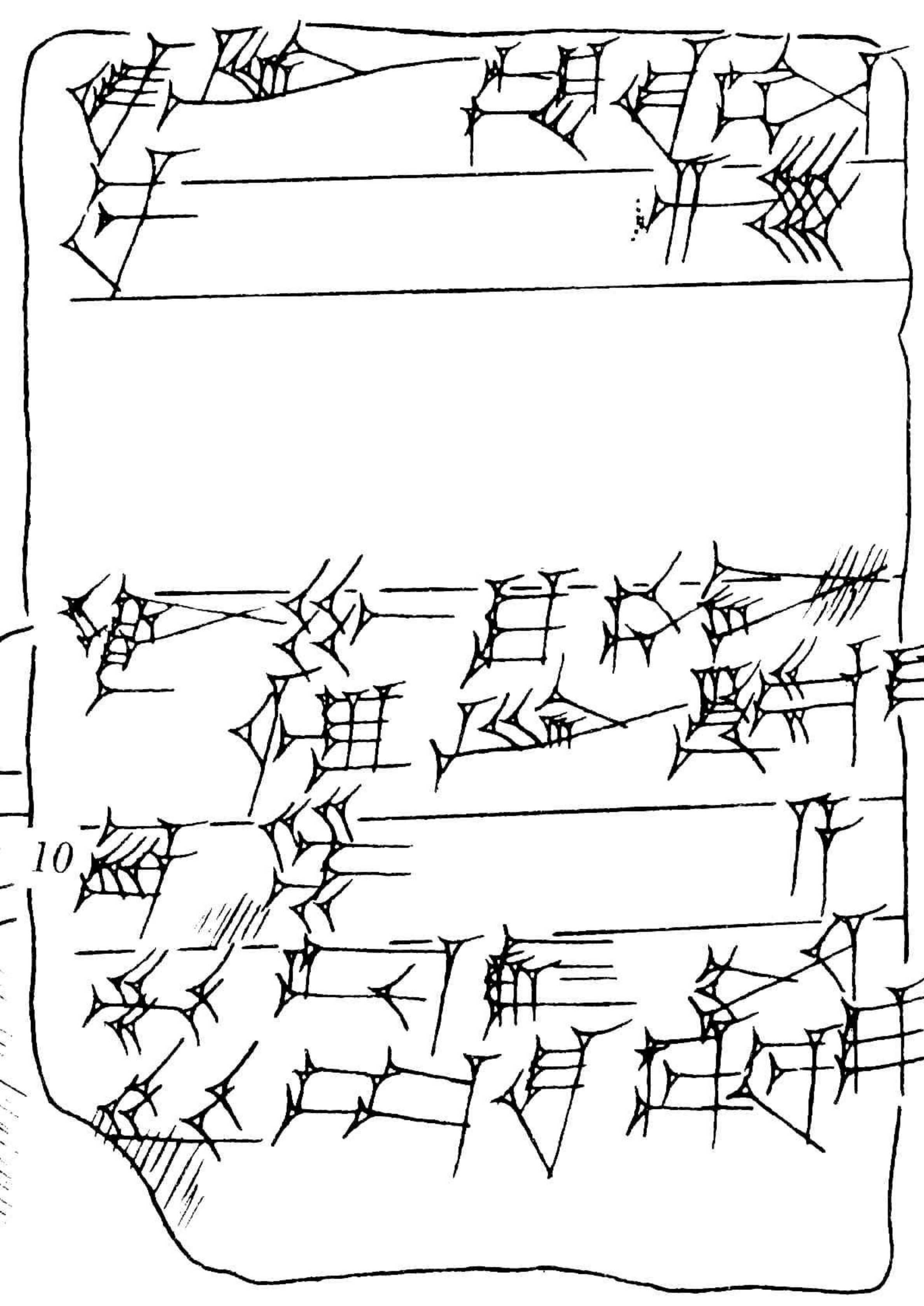


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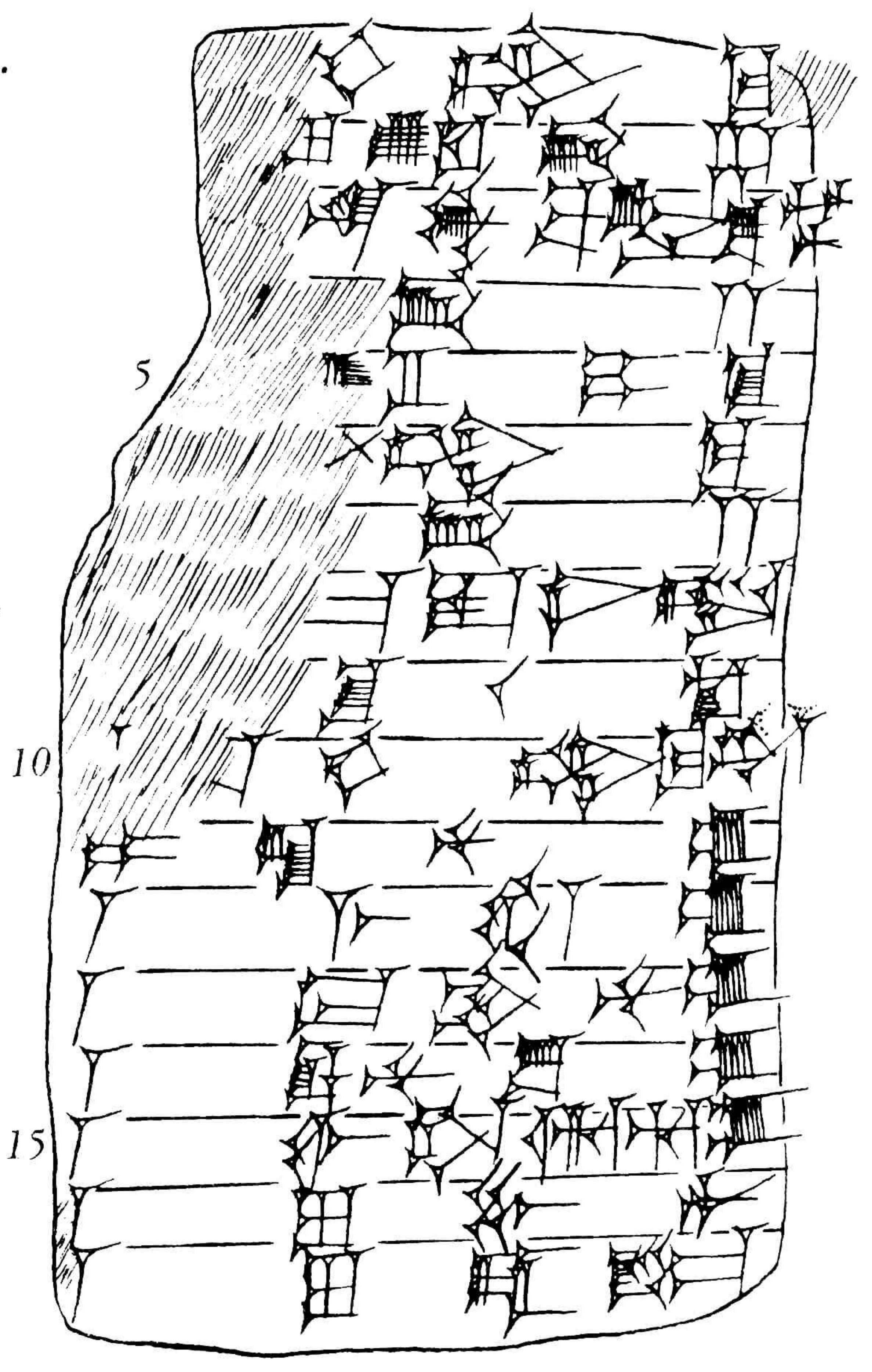


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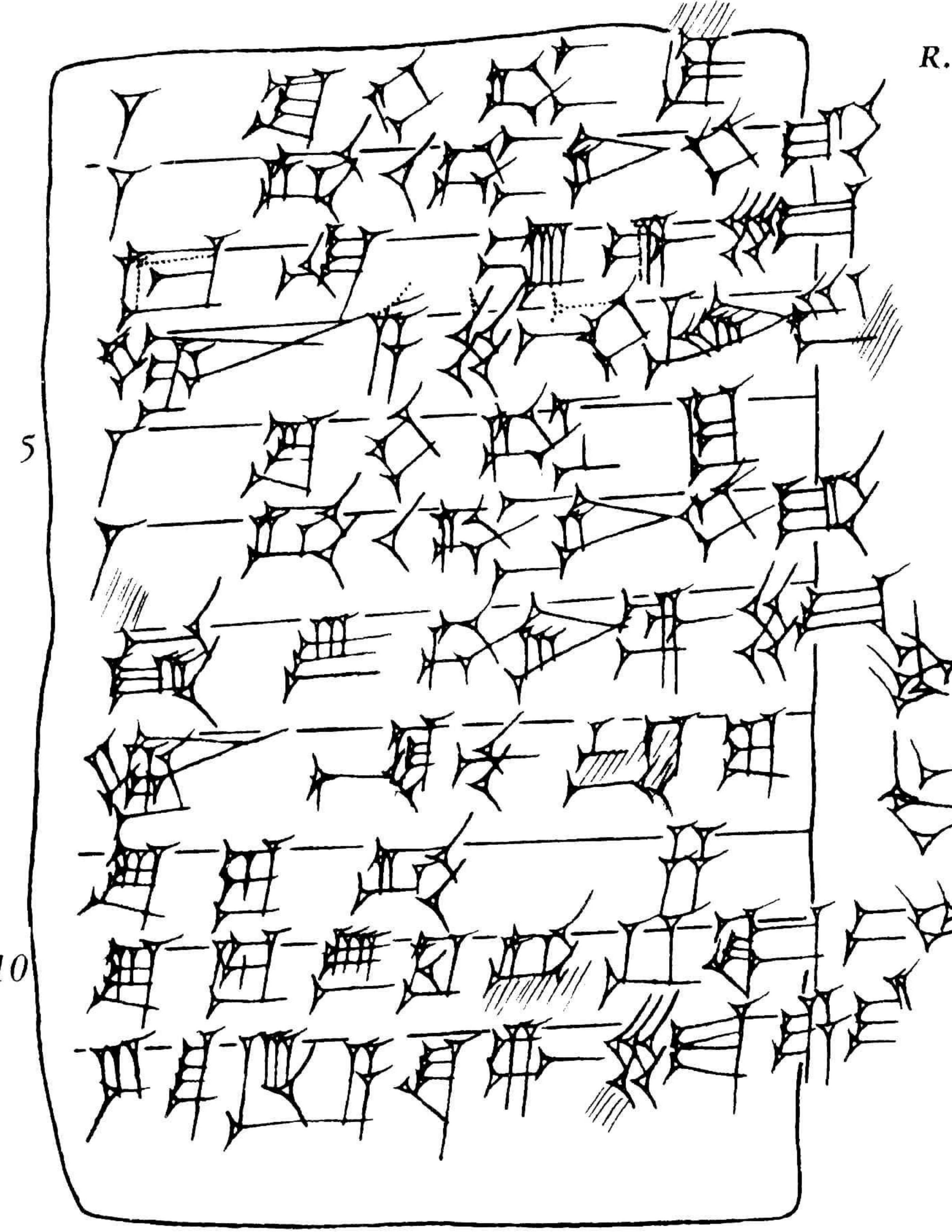
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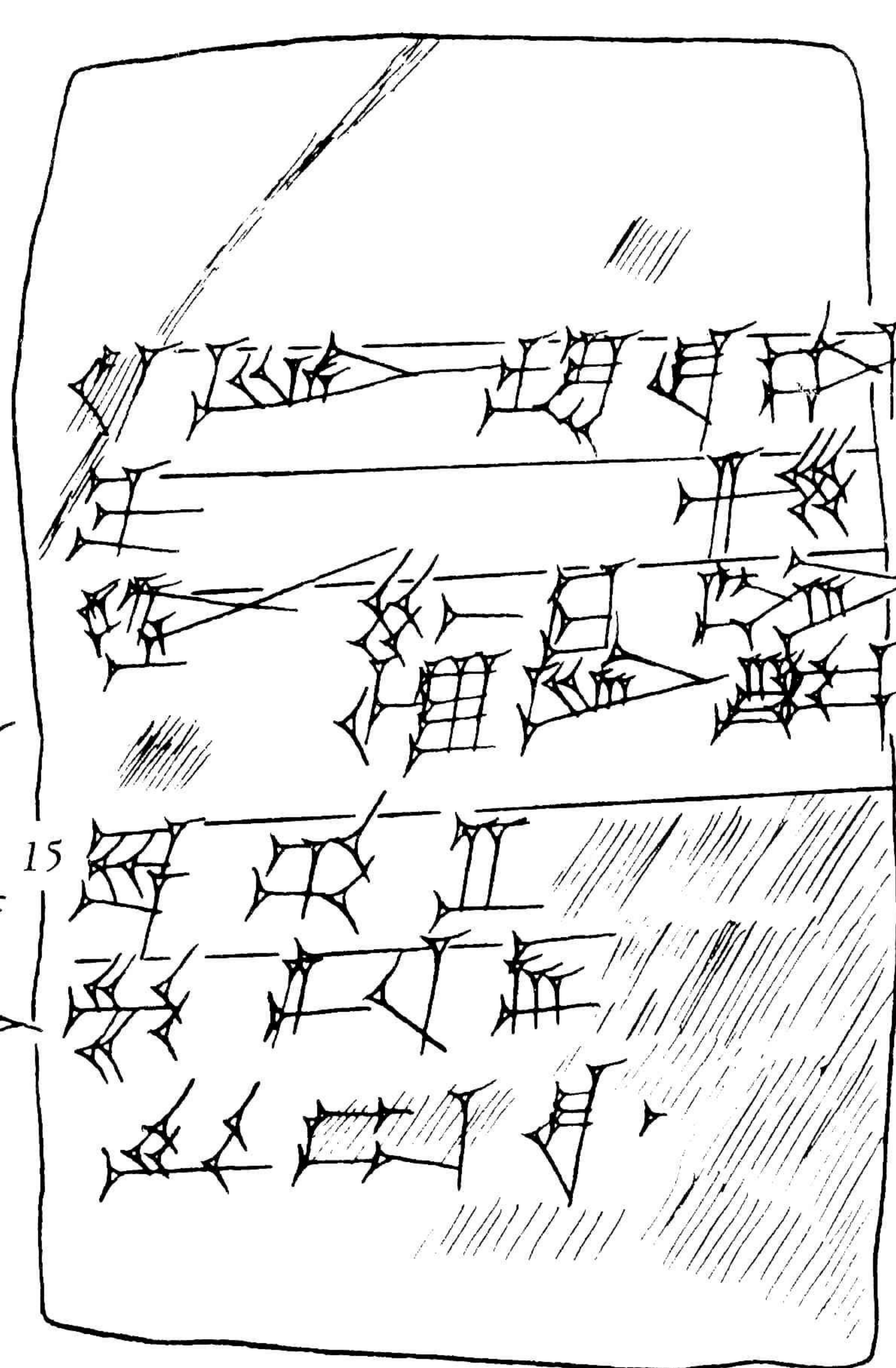


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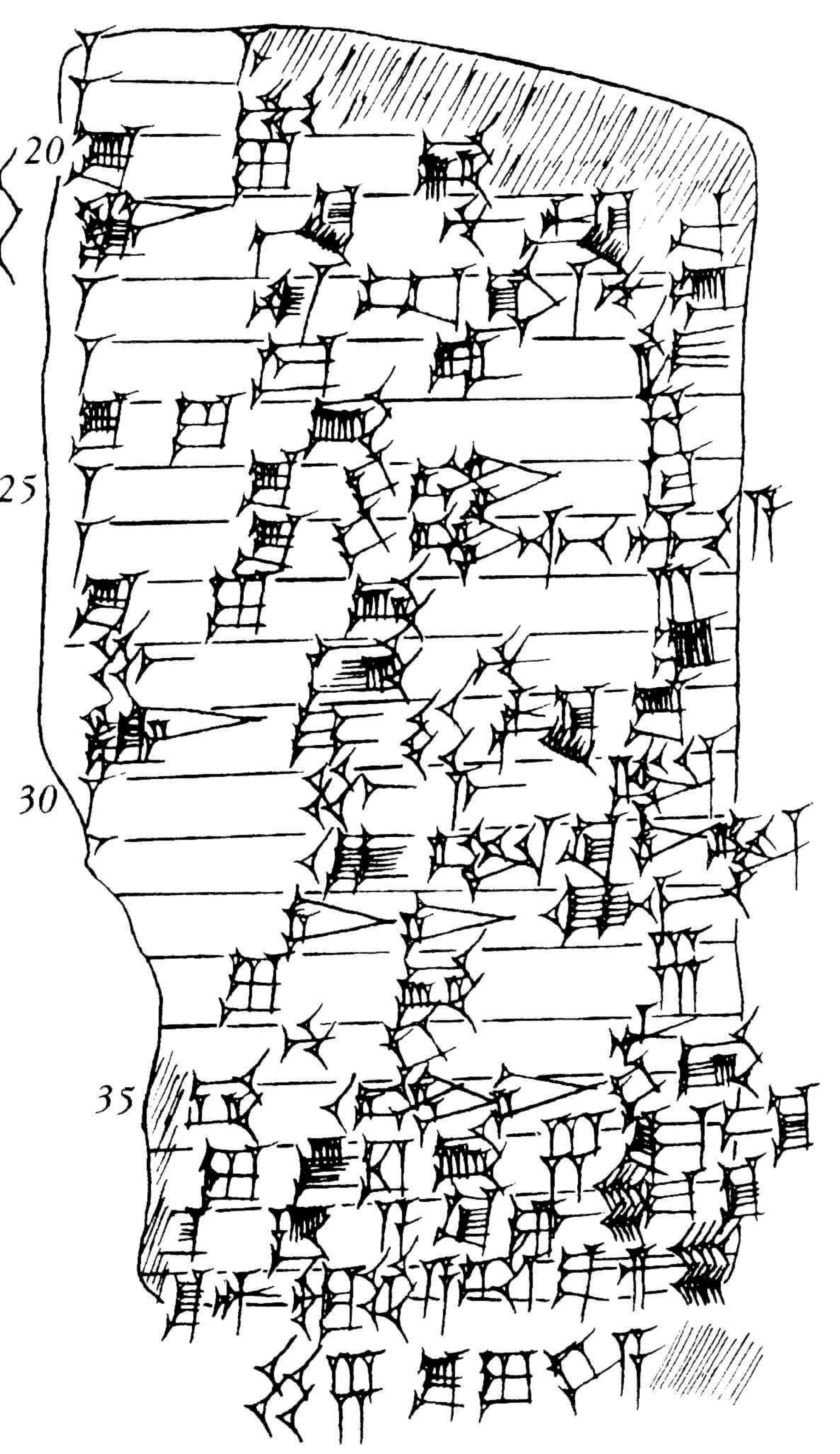
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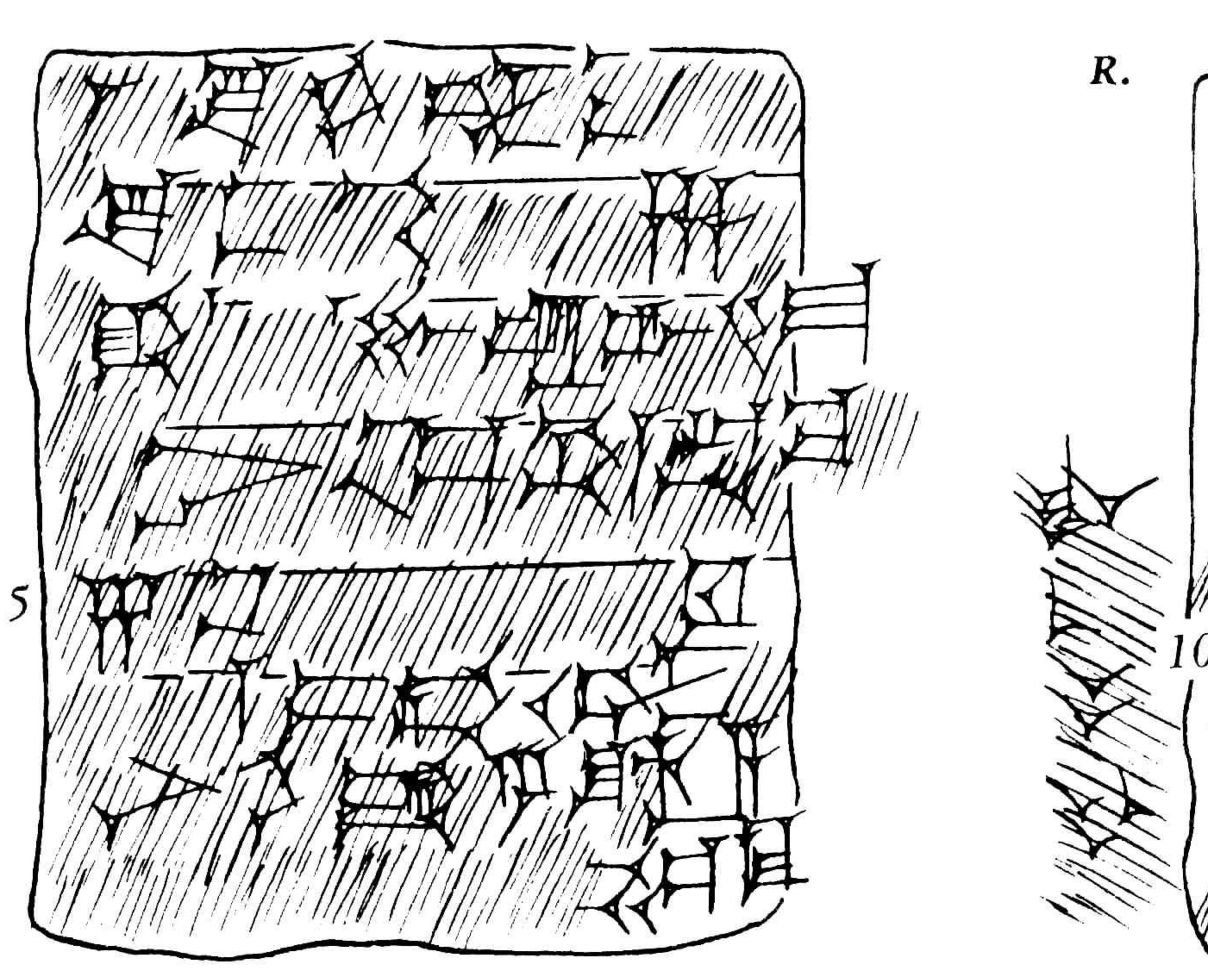


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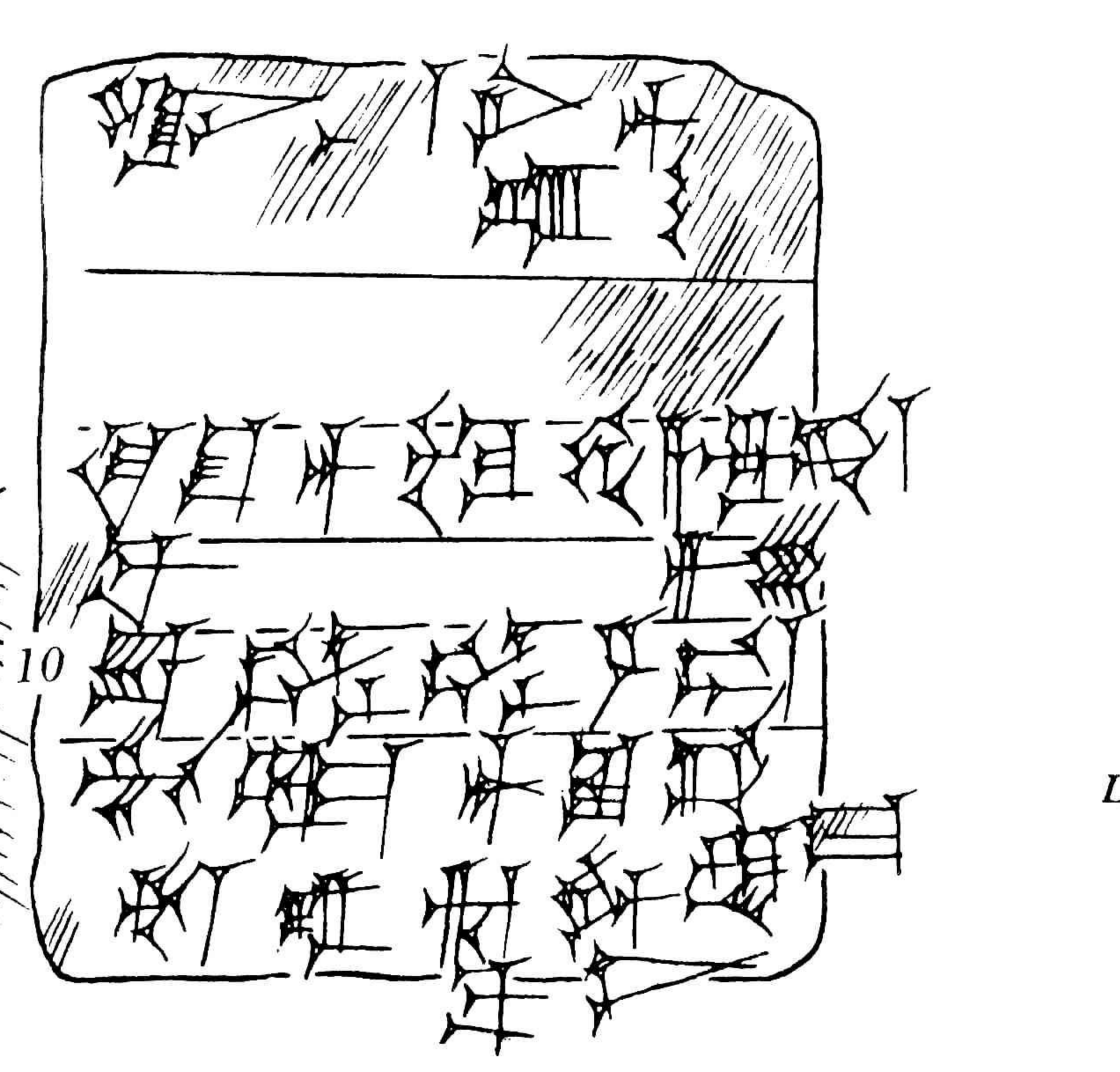


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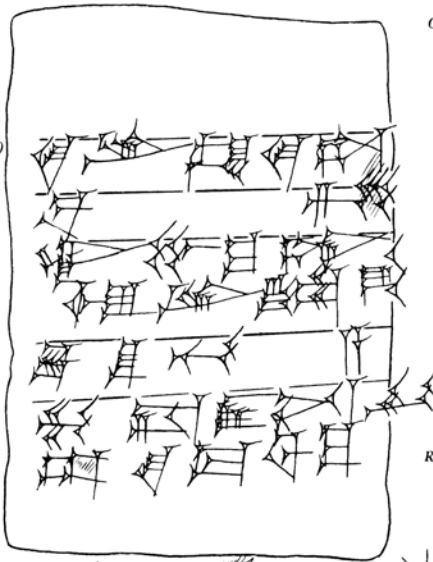
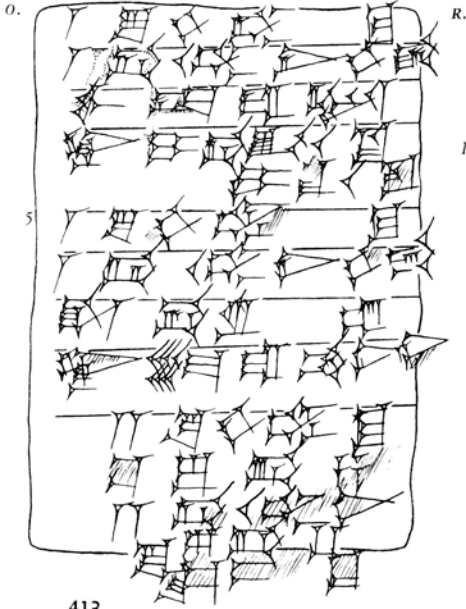
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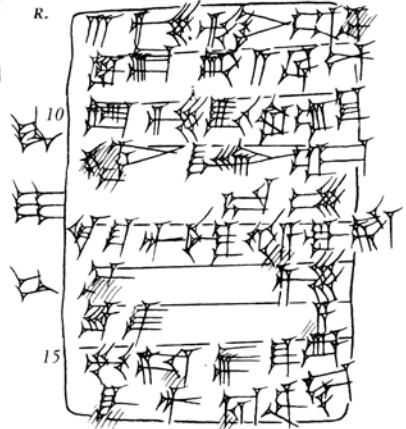
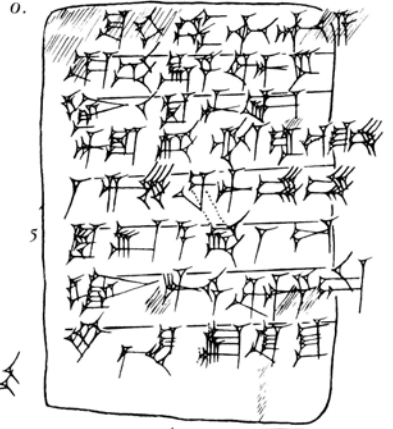


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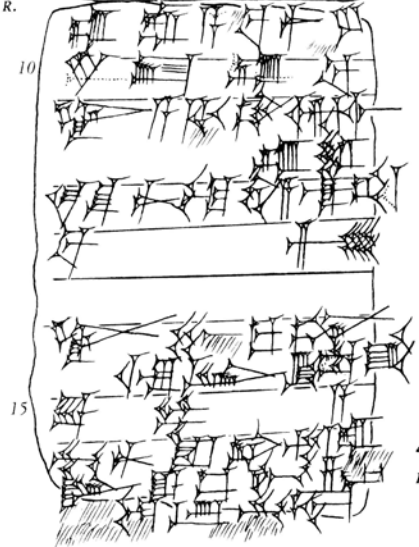
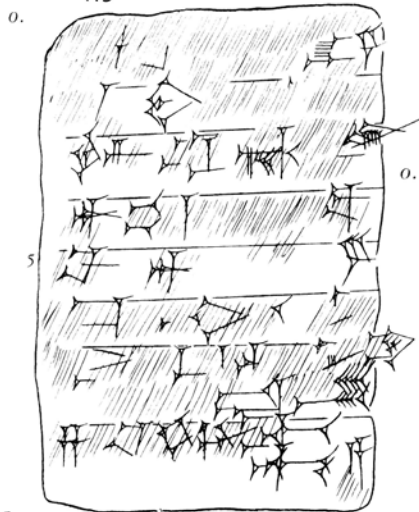


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412



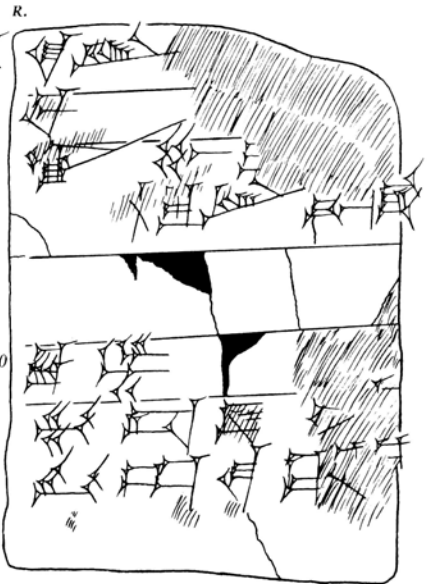
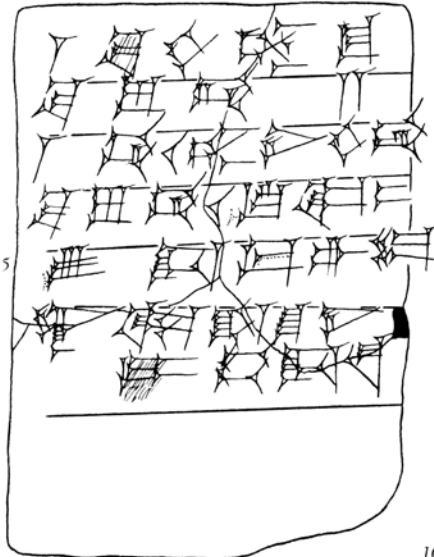
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413

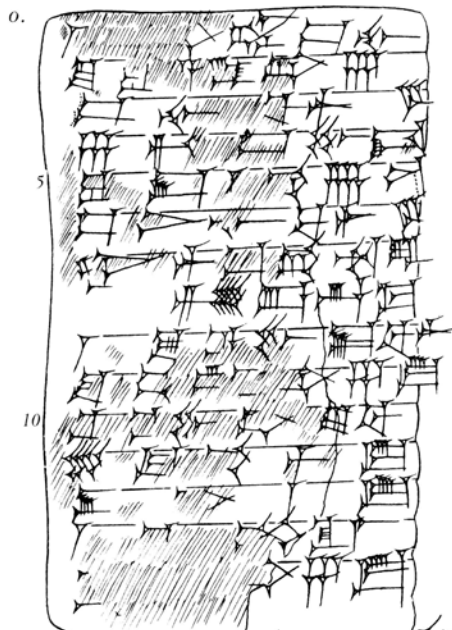
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414

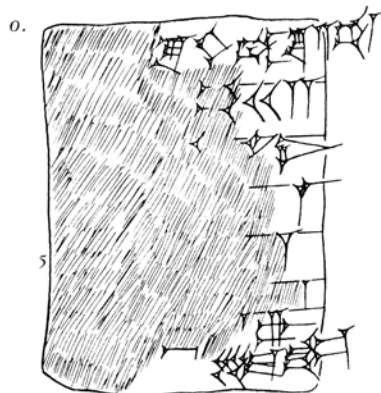


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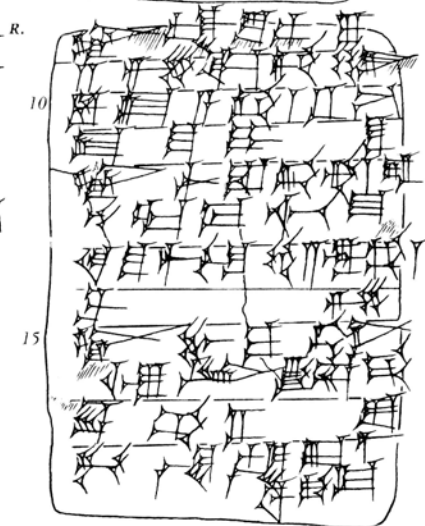
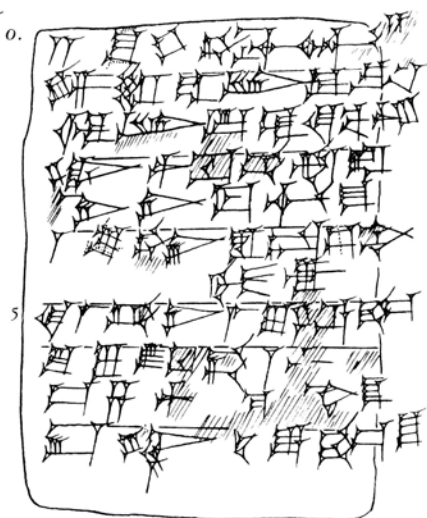
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418

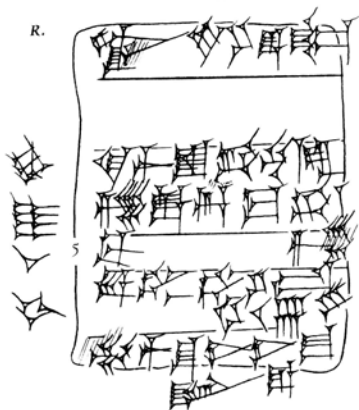


L. E. 127

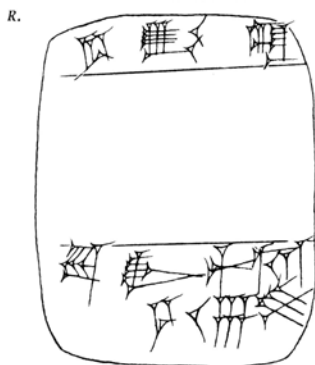
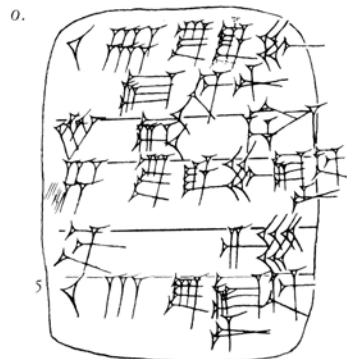
419



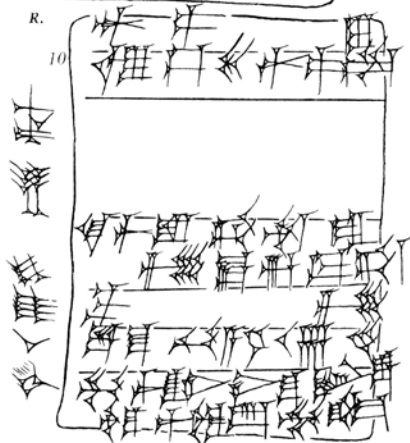
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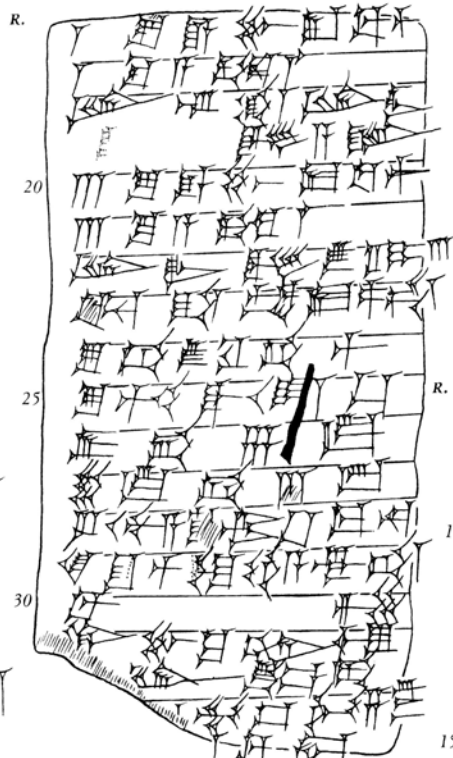
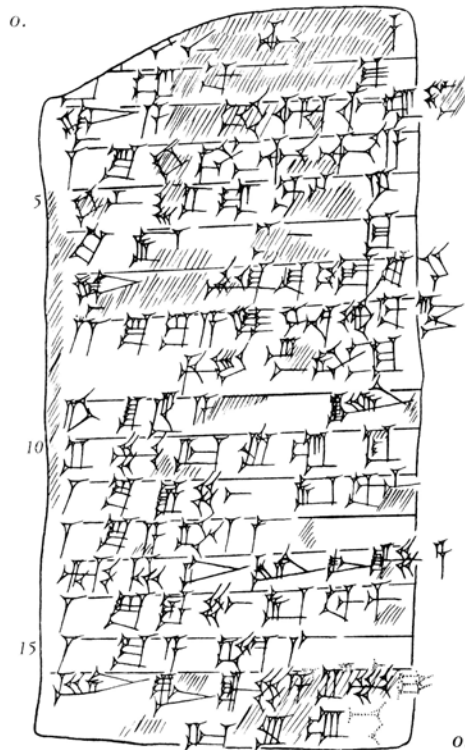
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423



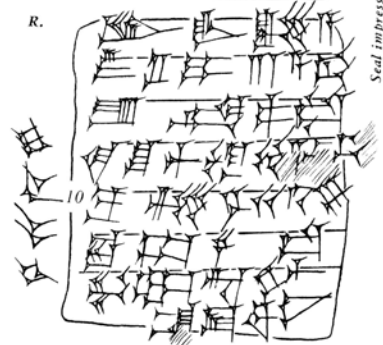
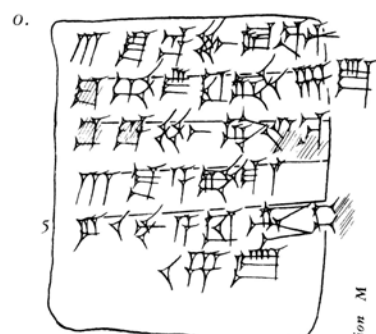
421



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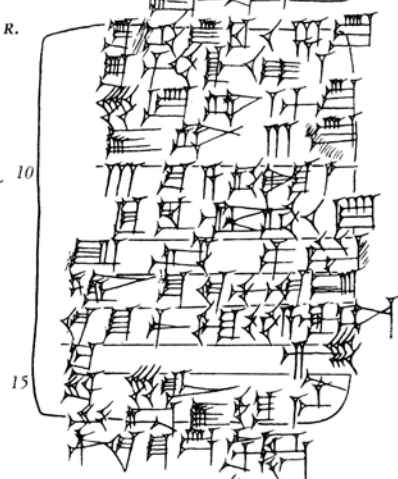
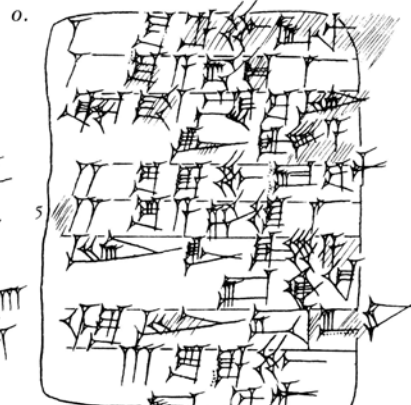
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422

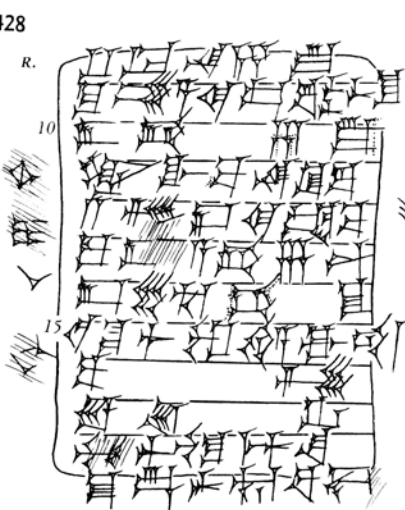
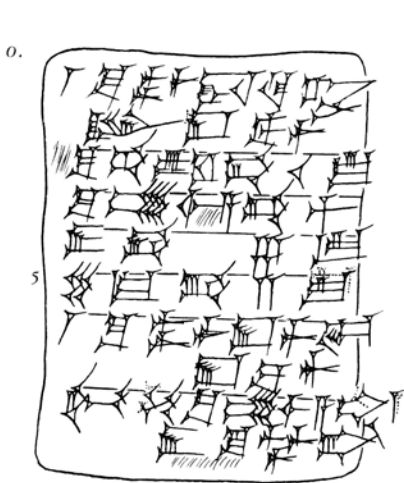
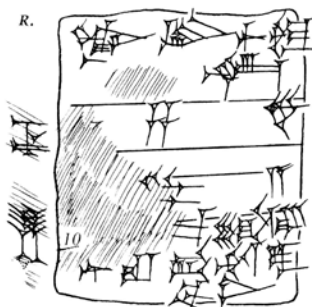
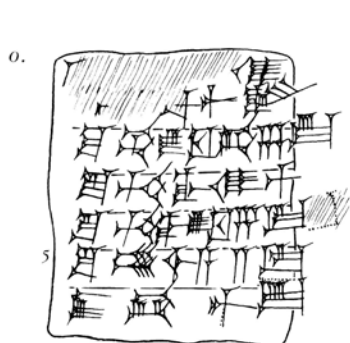
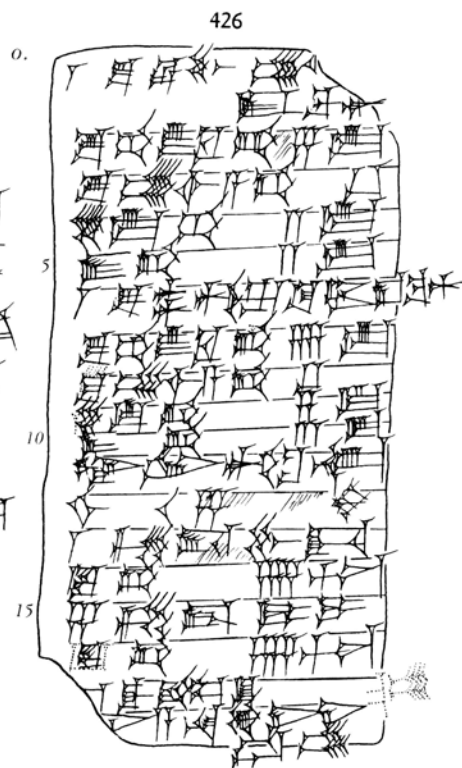
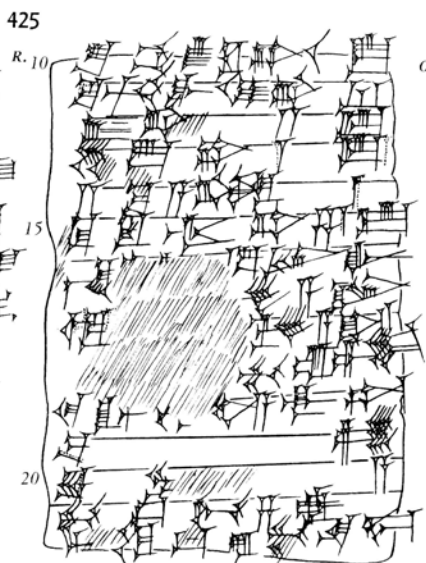


Seal impression M

424



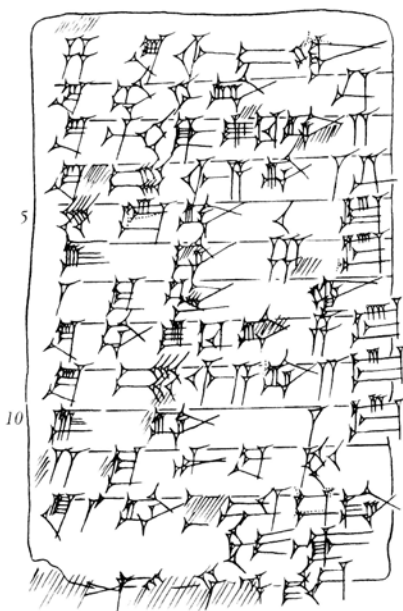
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429

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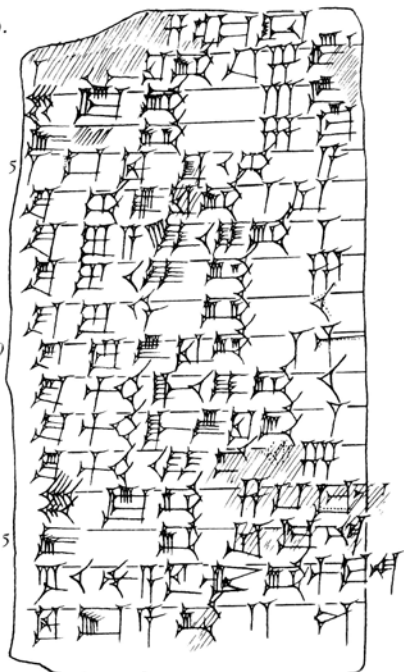
430

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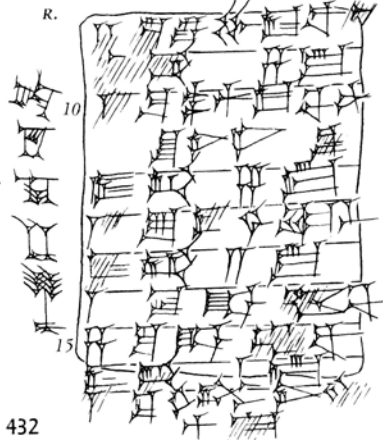
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431

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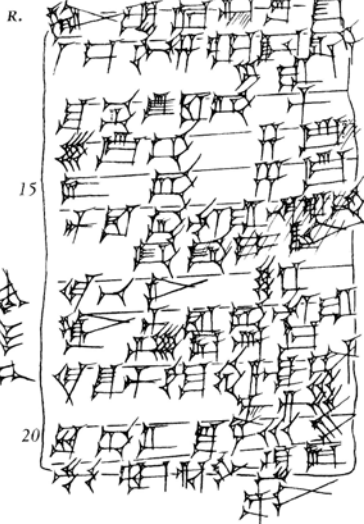


Seal impression B

432

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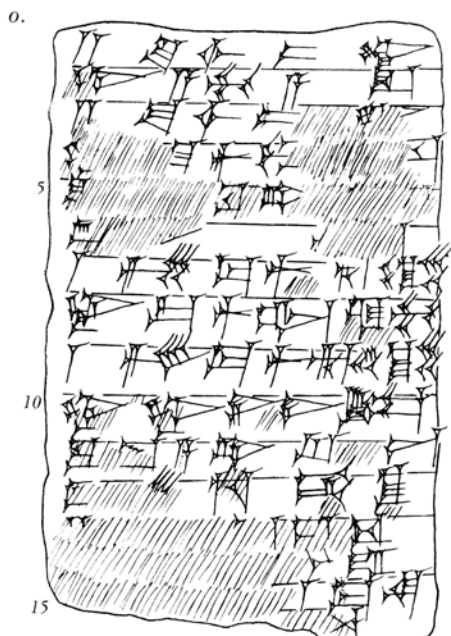
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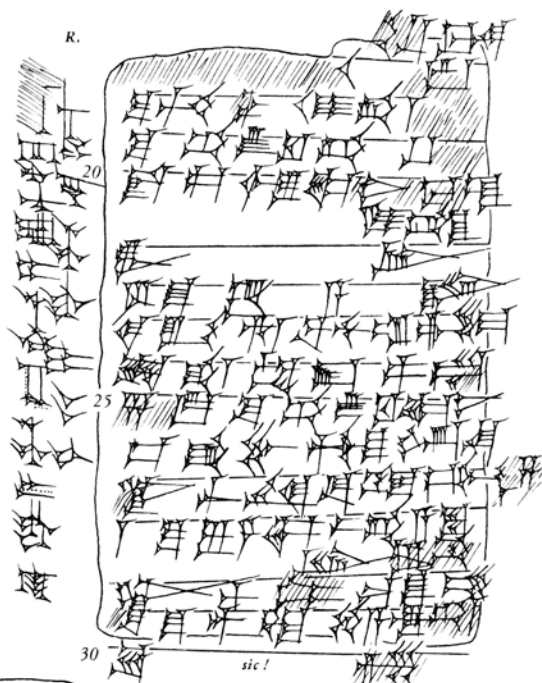
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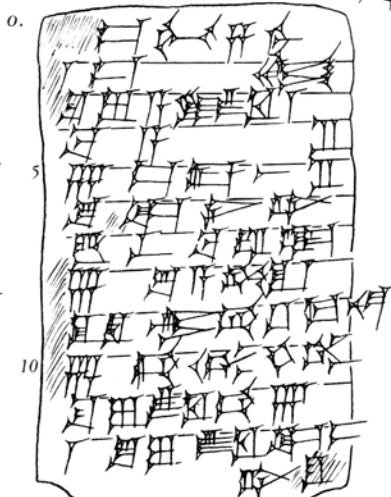




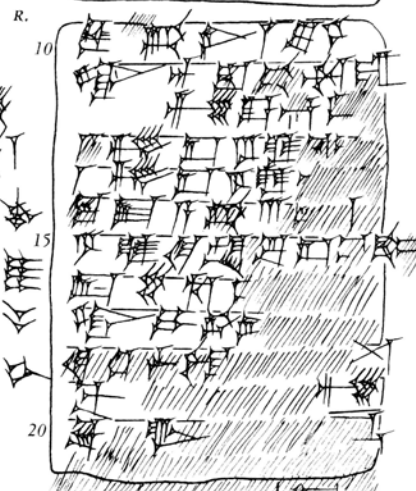
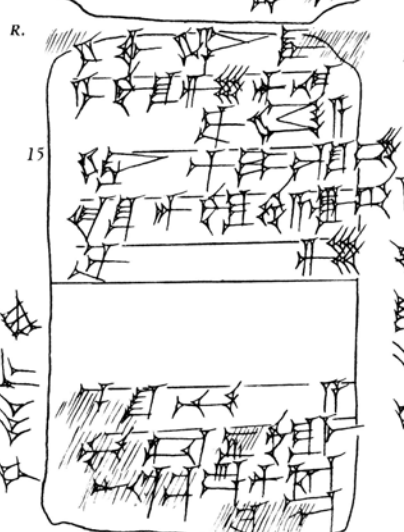
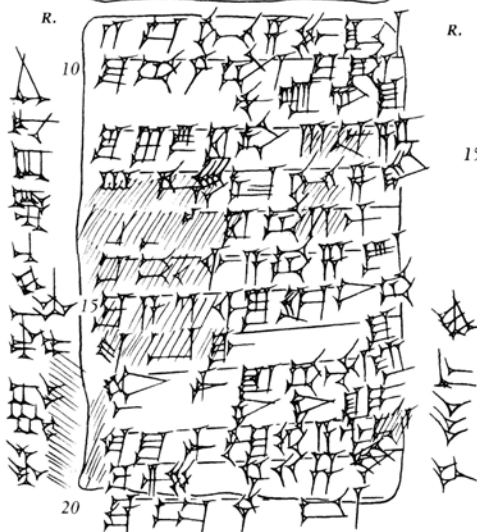
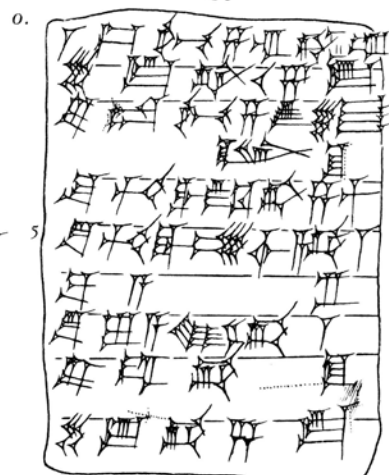
434



435



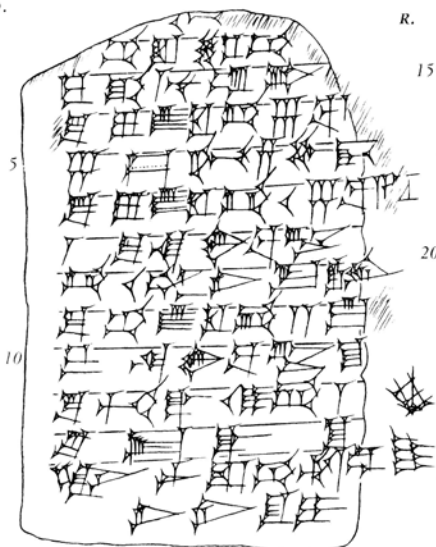
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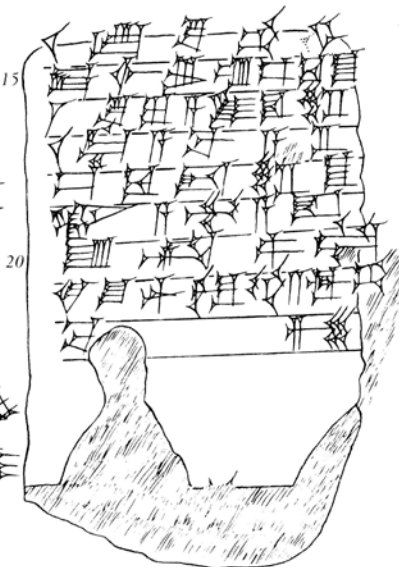
437

438

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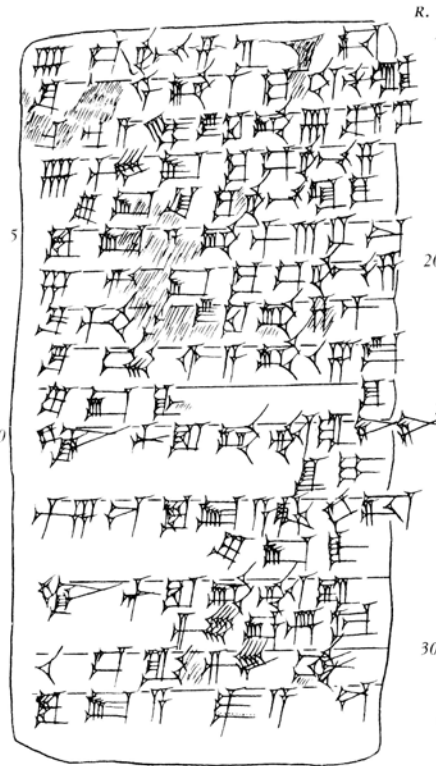
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439

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438



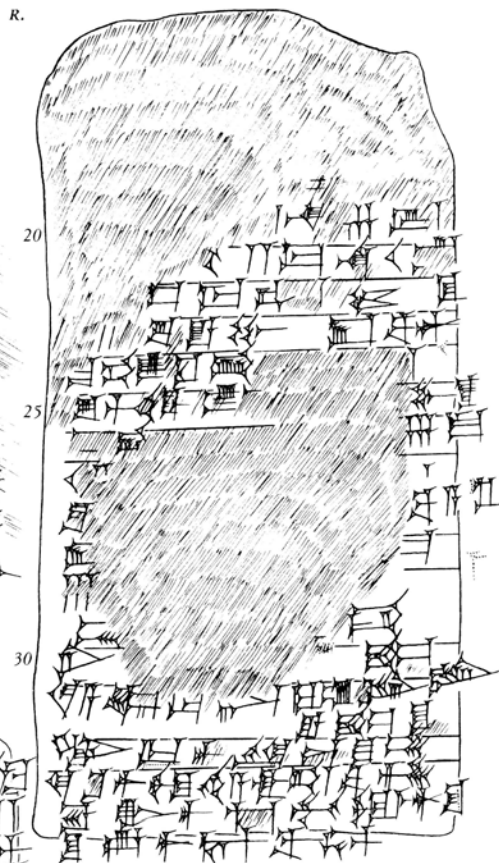
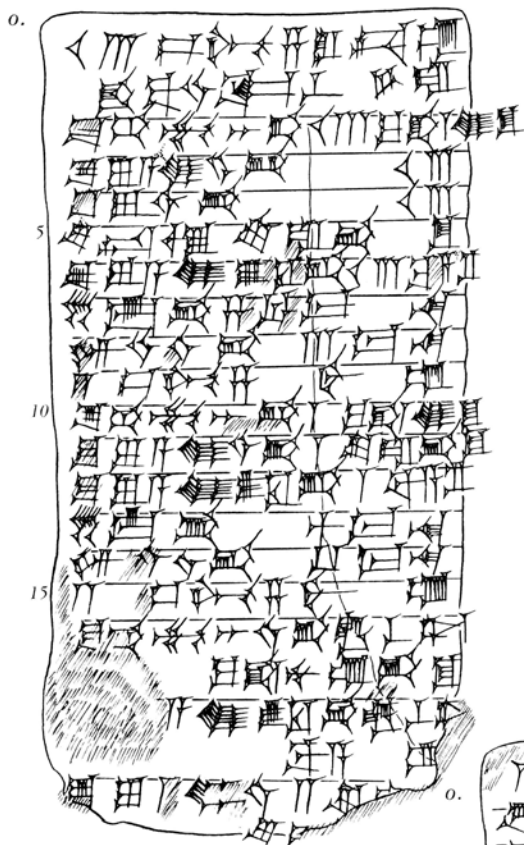
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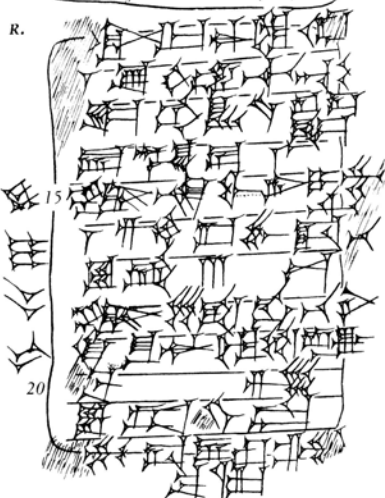
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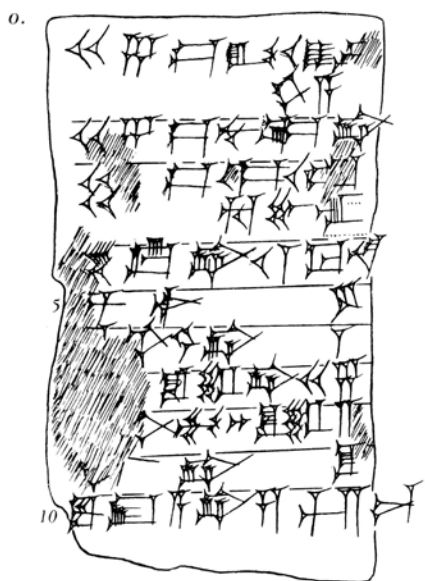
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441



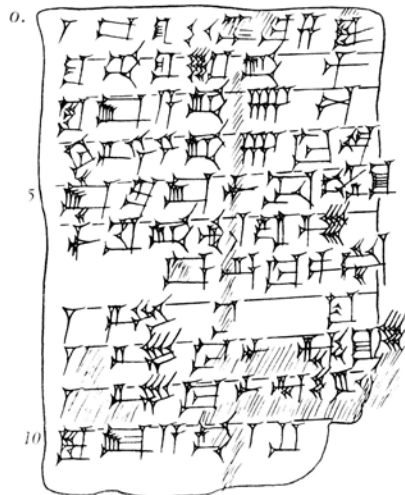
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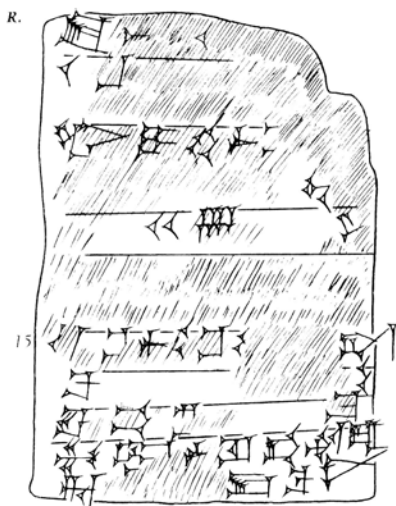
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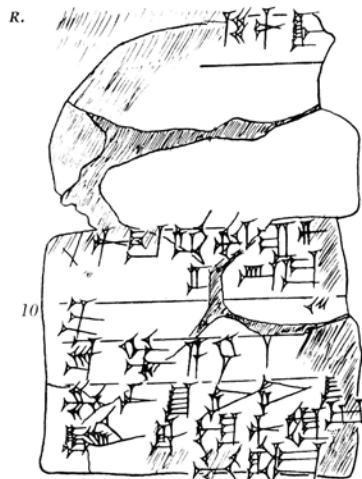
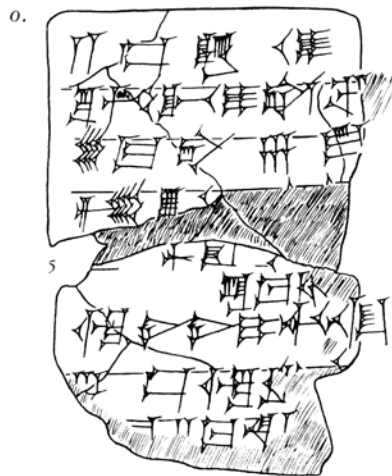
443



Seal impression B heavily impressed

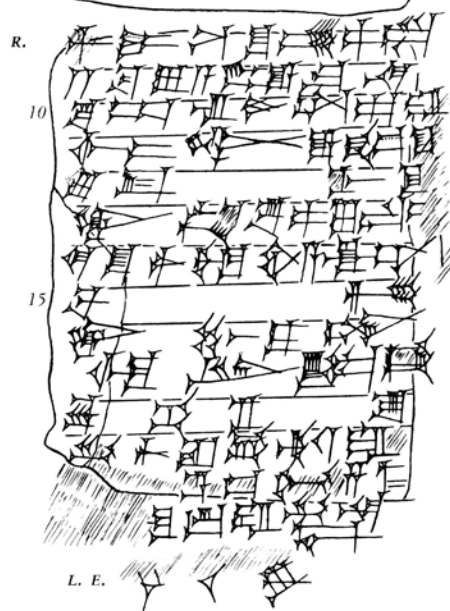


444

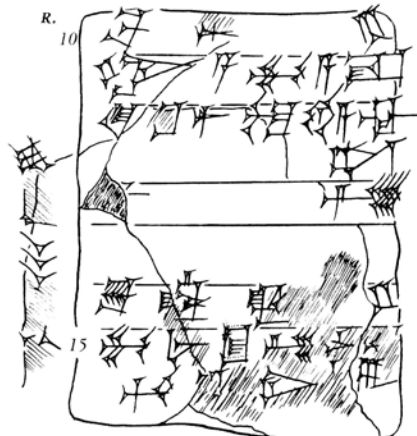


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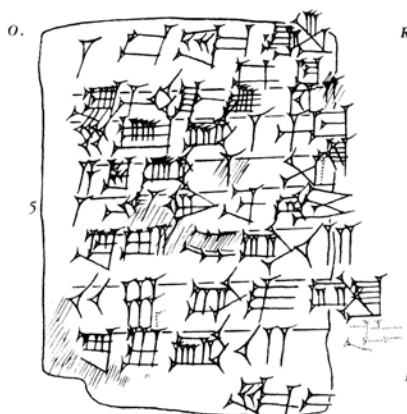
445



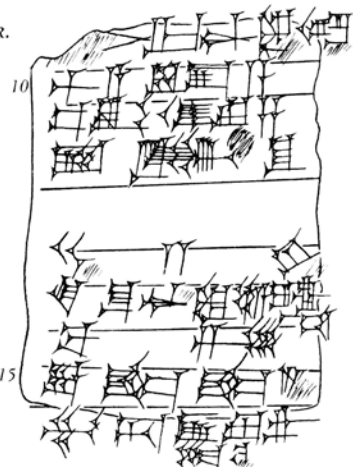
446



447

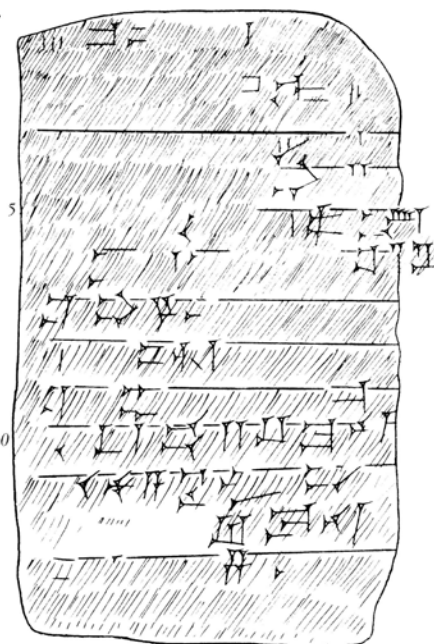


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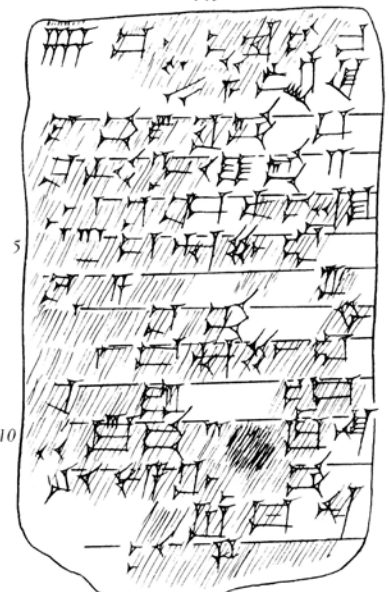
448

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449

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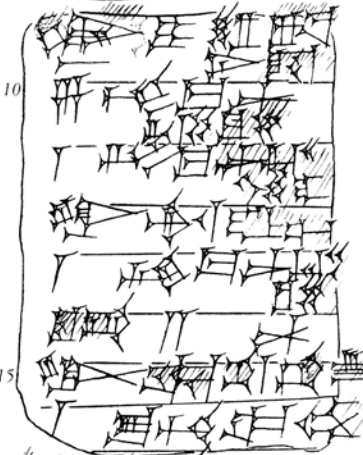


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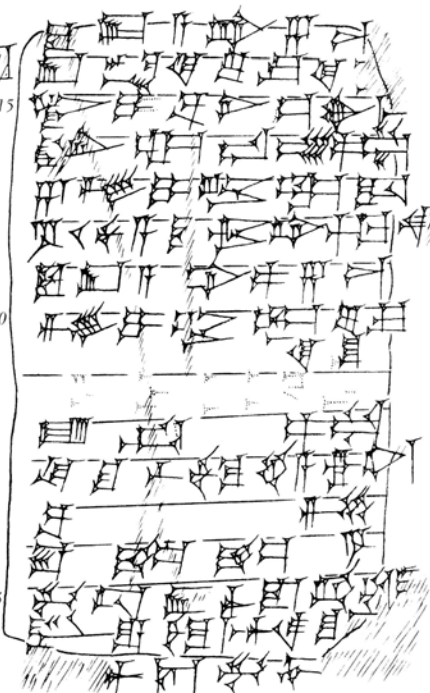
449

L. E.



Seal impression B

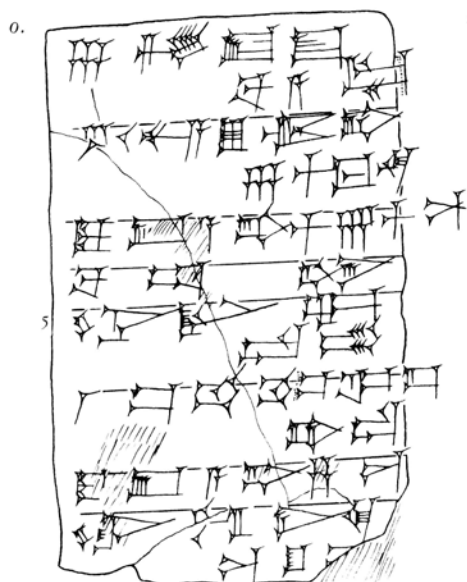
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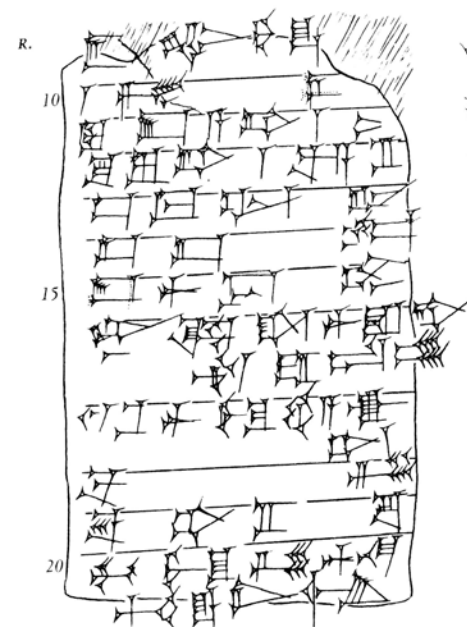
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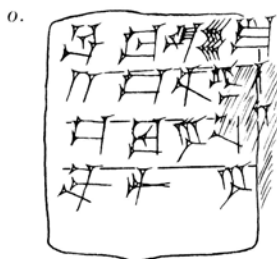
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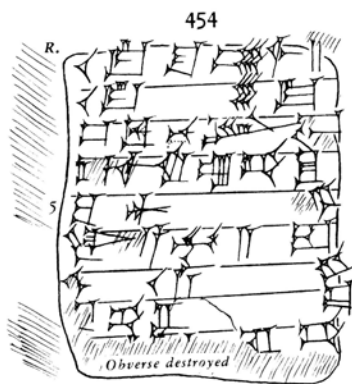
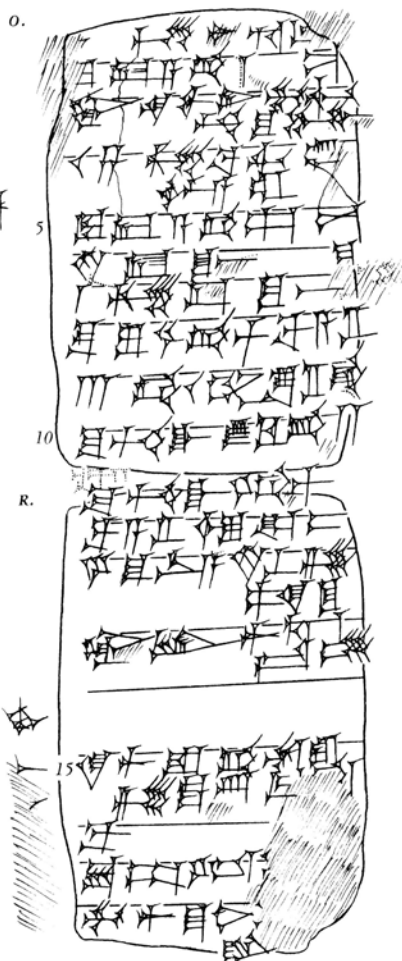
Seal impression B



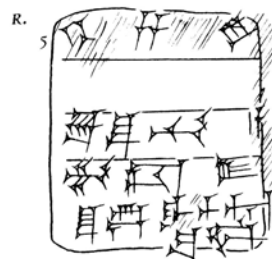
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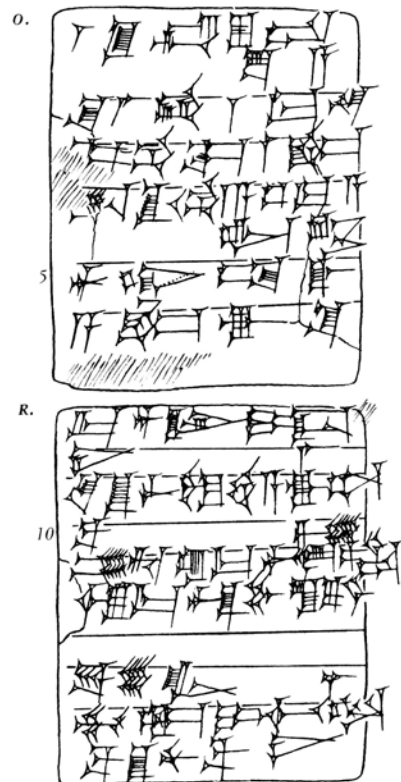
452



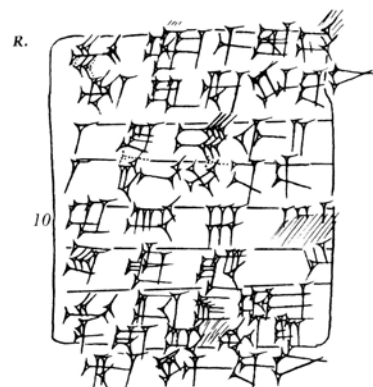
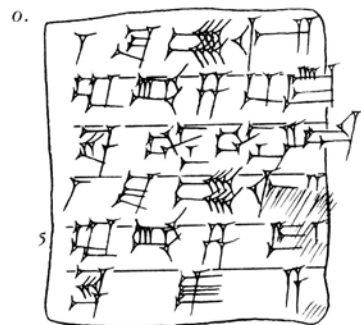
456



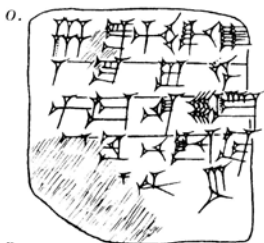
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455

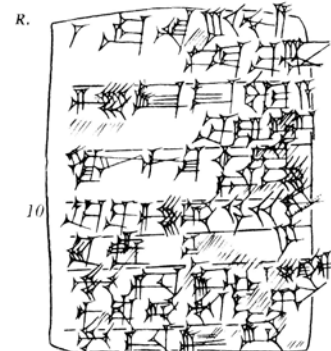
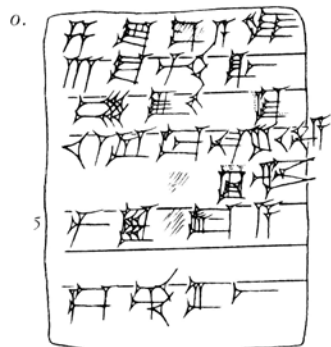


457

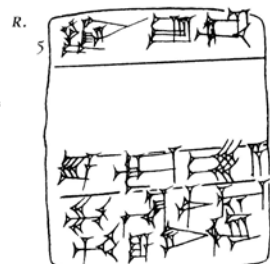


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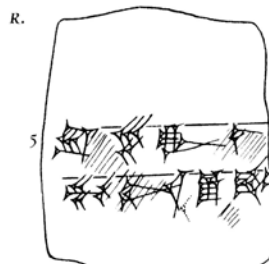


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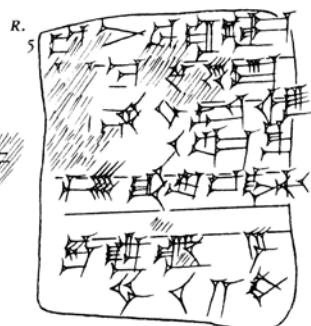


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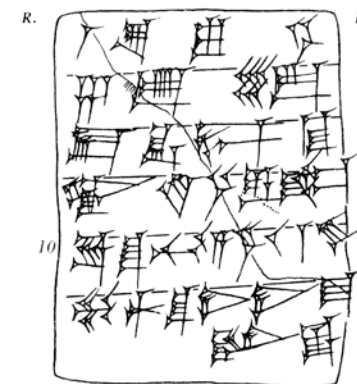
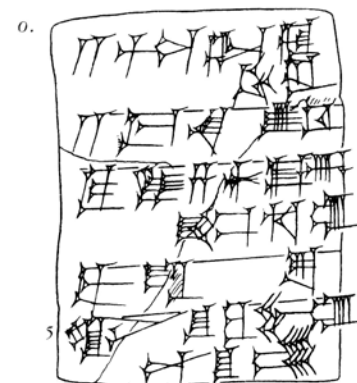
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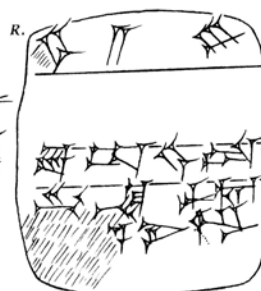
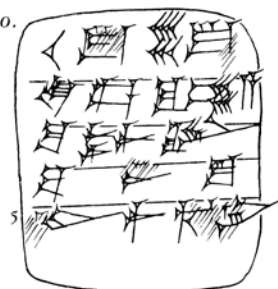
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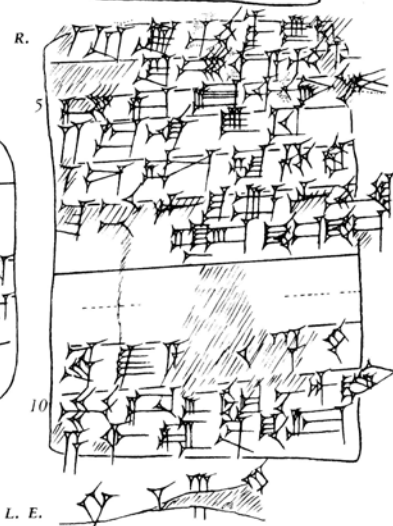
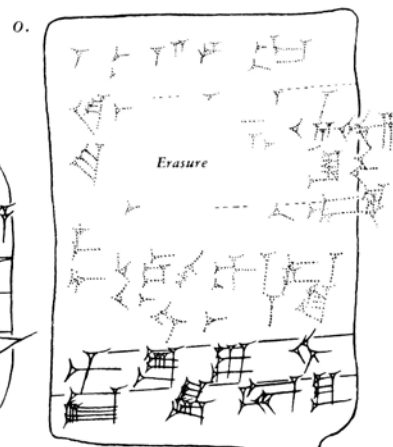
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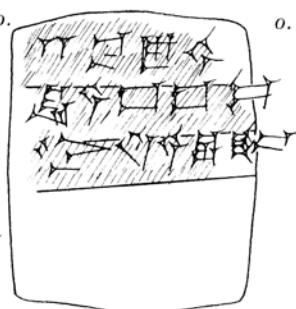
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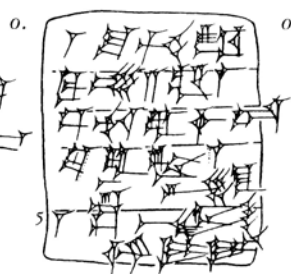
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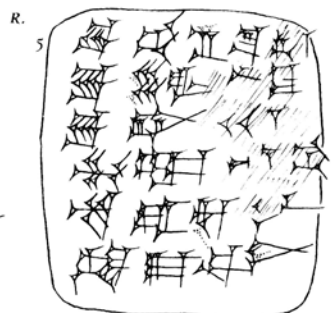
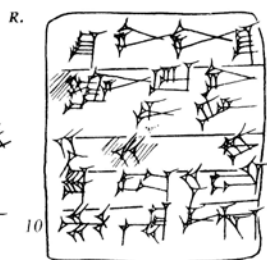
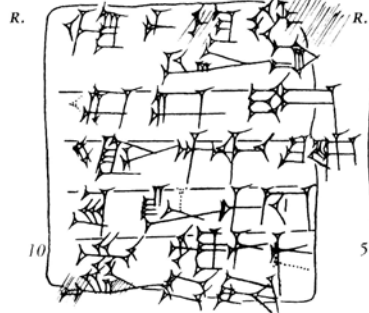
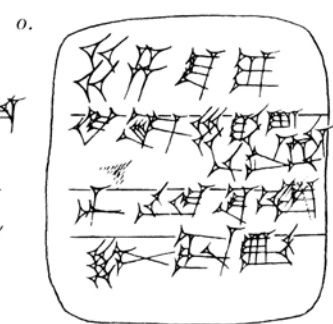
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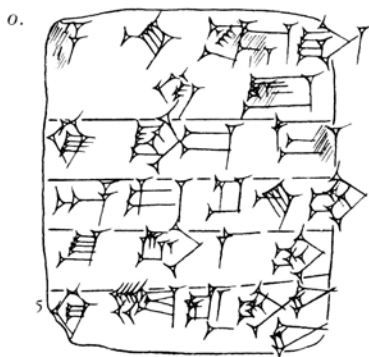
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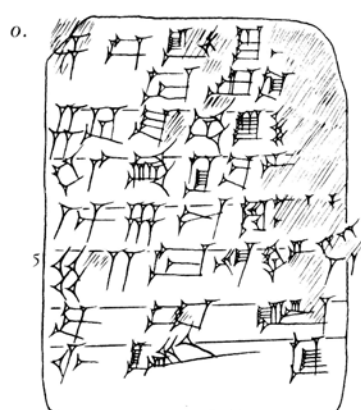
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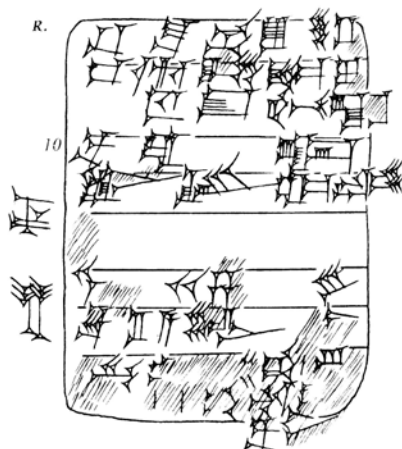
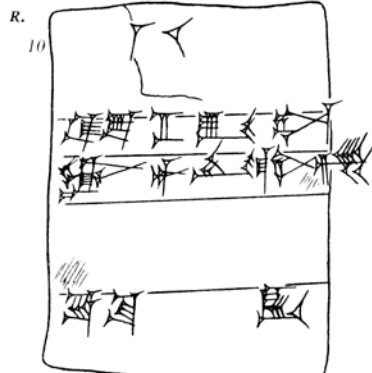
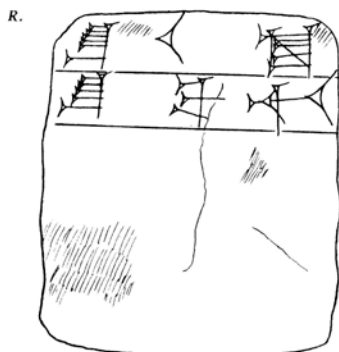
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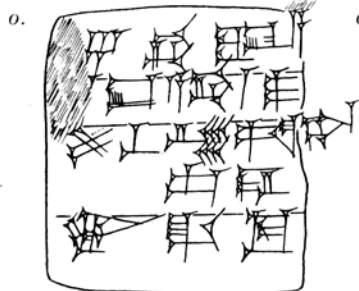
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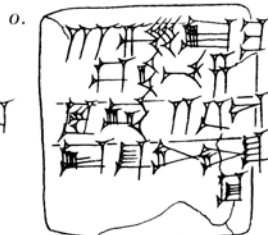
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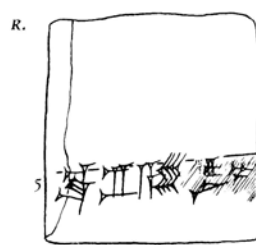
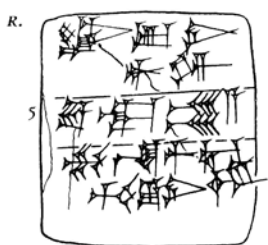
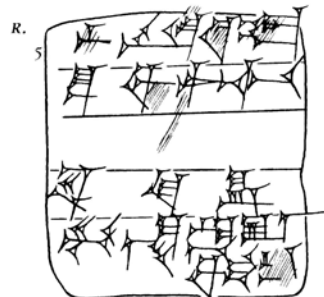
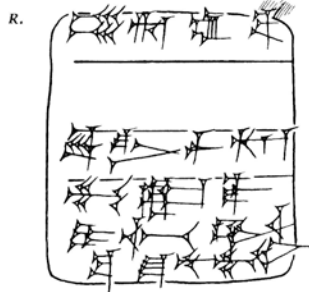
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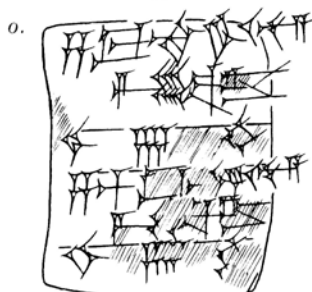
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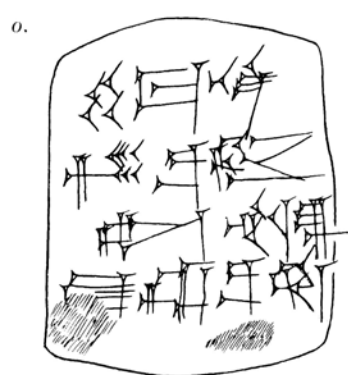
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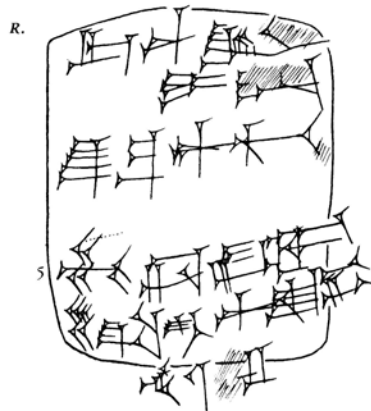
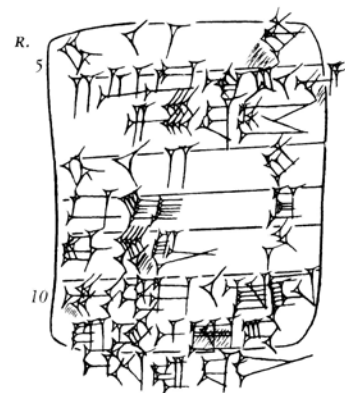
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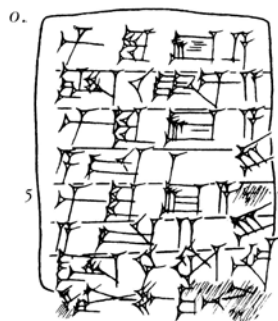
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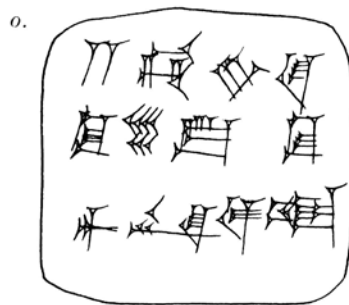
Seal impression O heavily impressed



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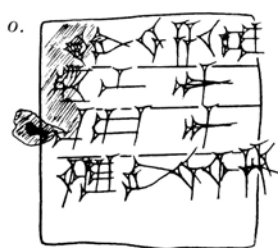


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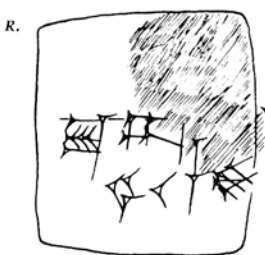
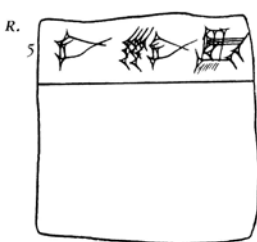
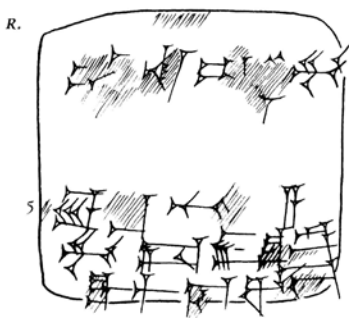
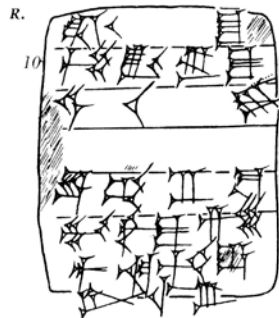
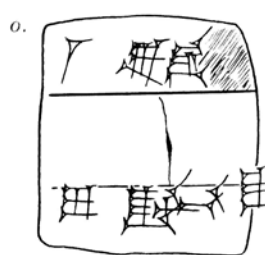


Indistinct seal impression

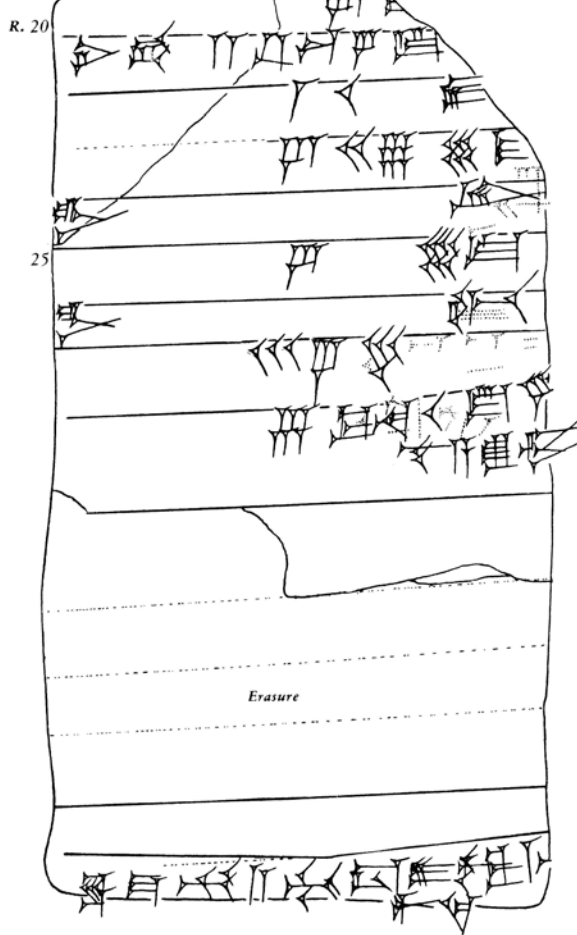
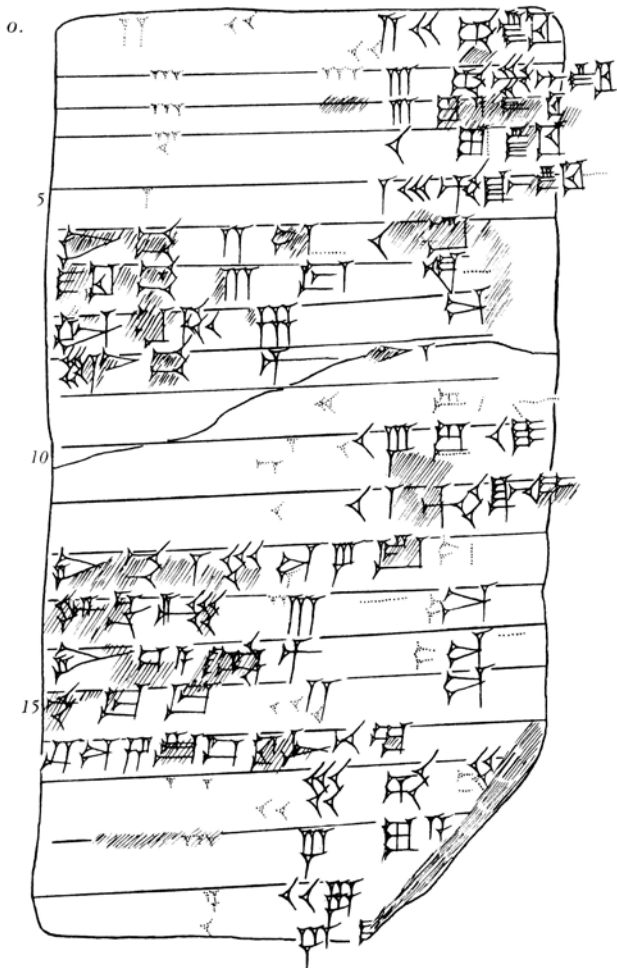
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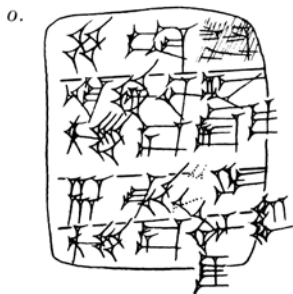
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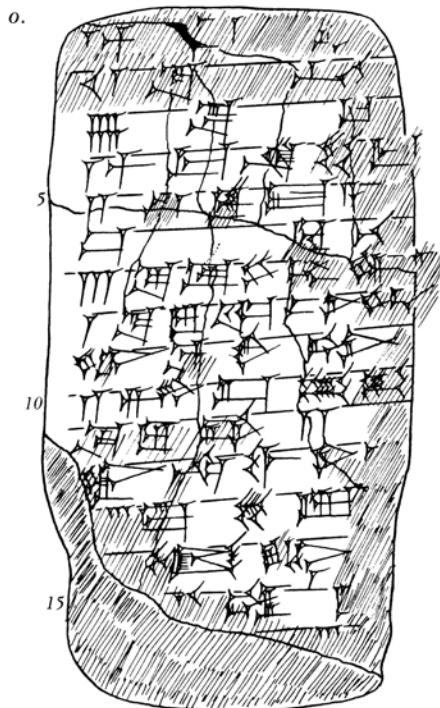
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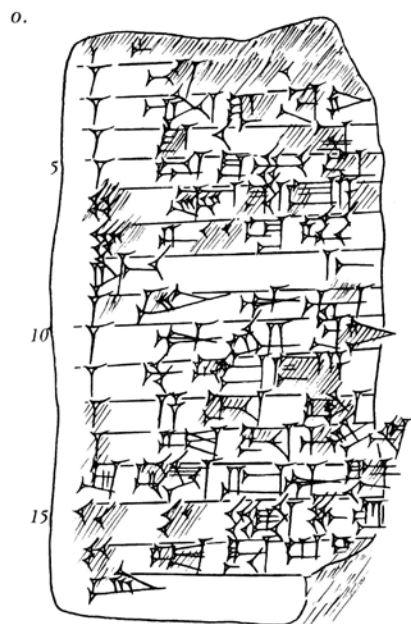
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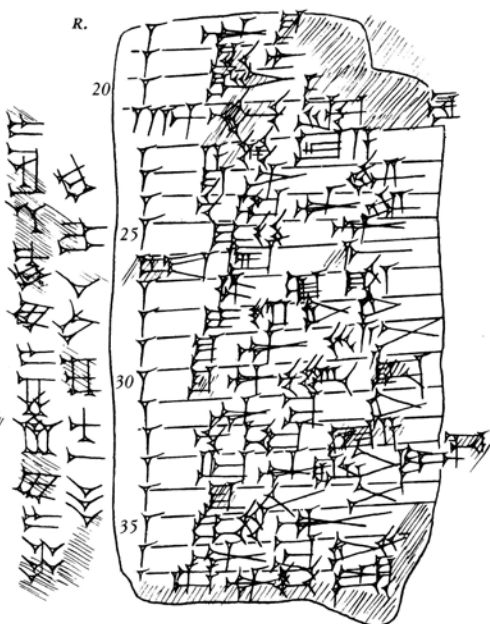
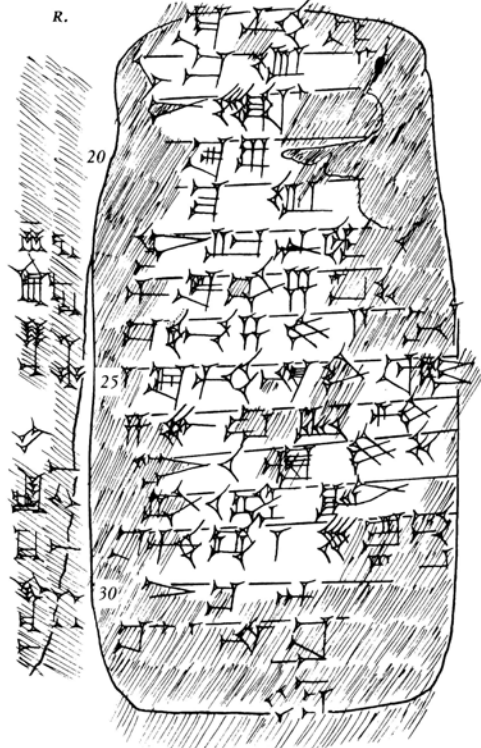
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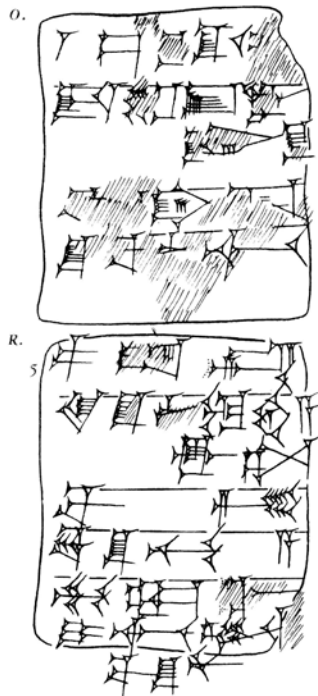
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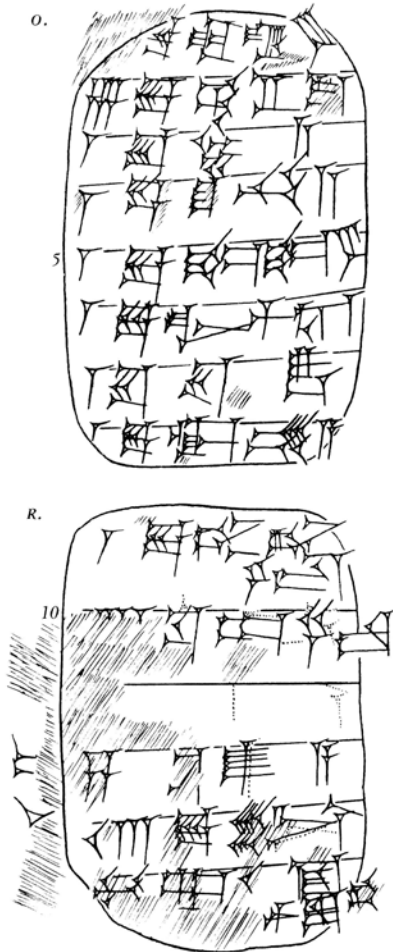
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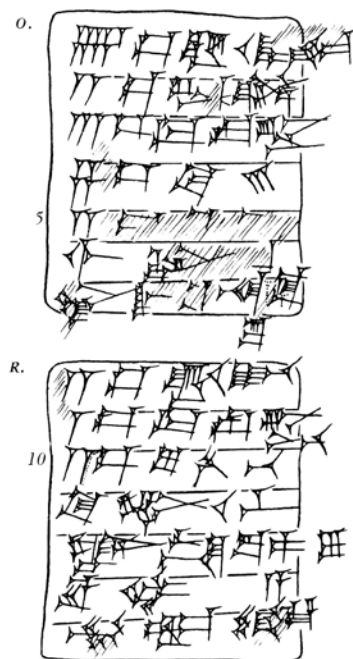
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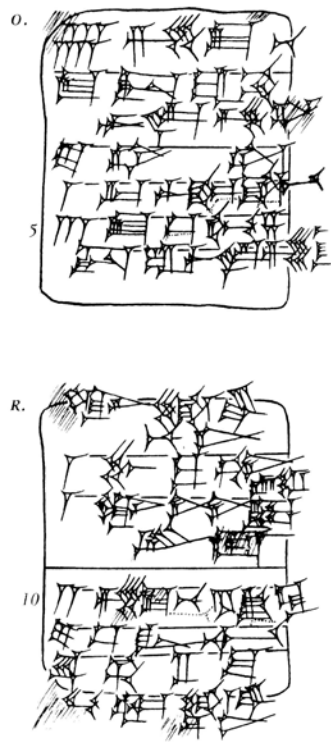
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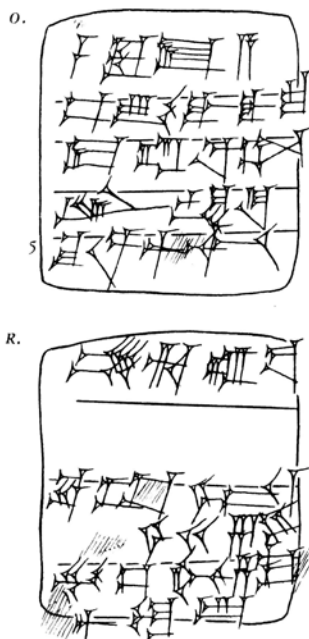
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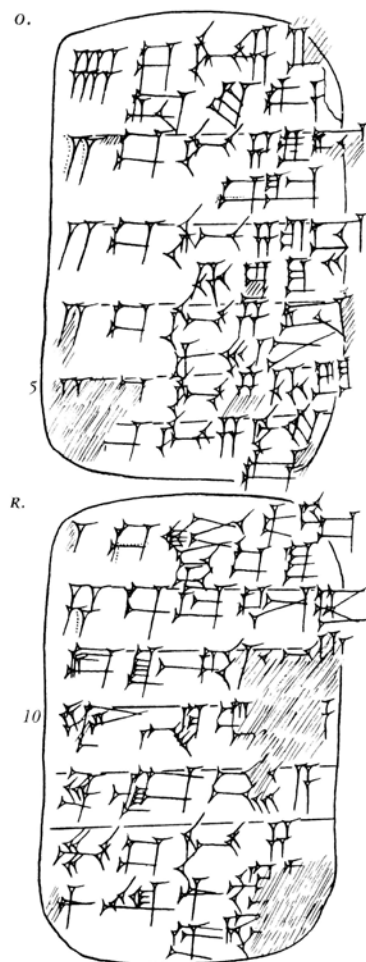
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498

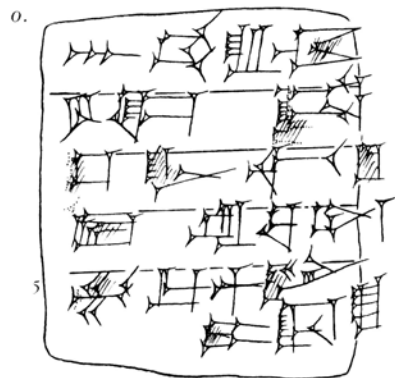


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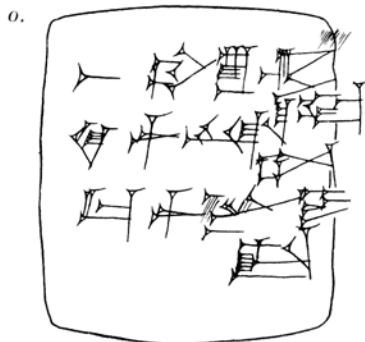


L. E.

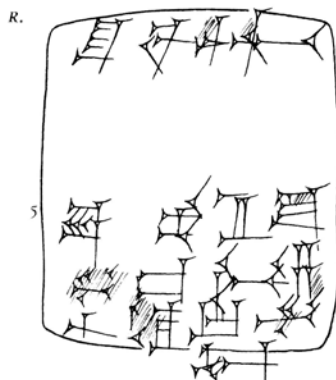
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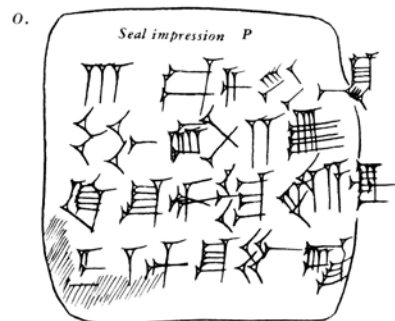
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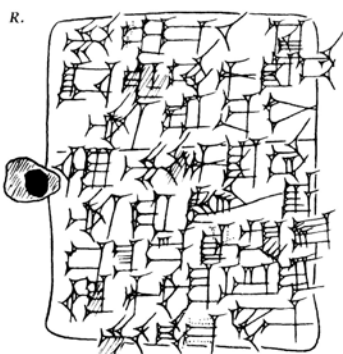
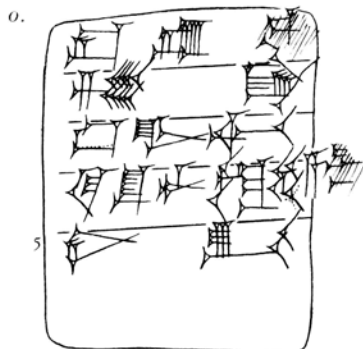
Seal impression O



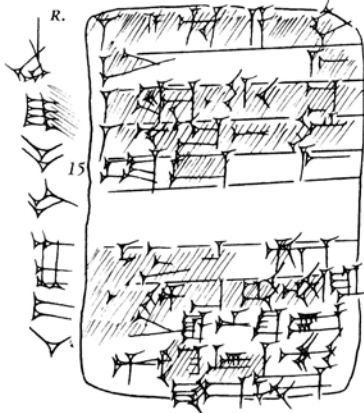
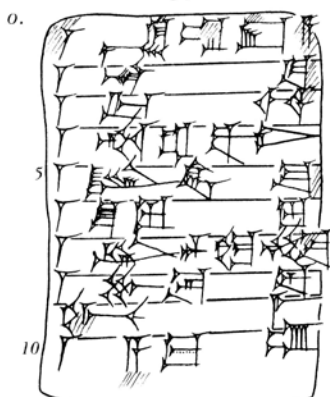
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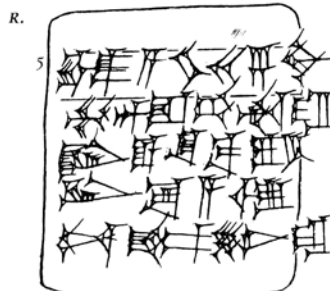
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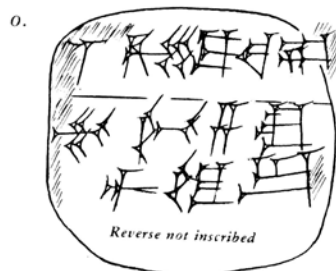
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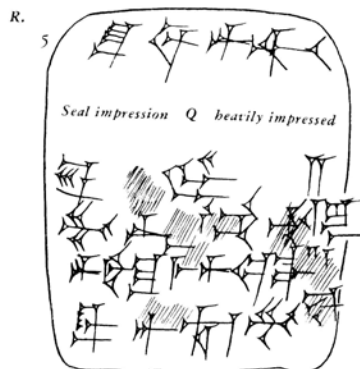
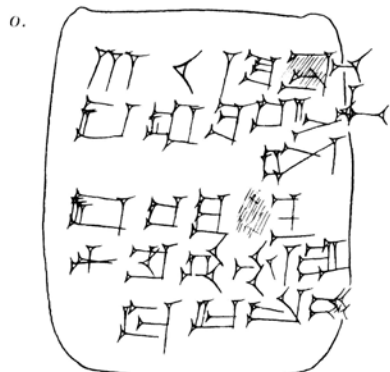
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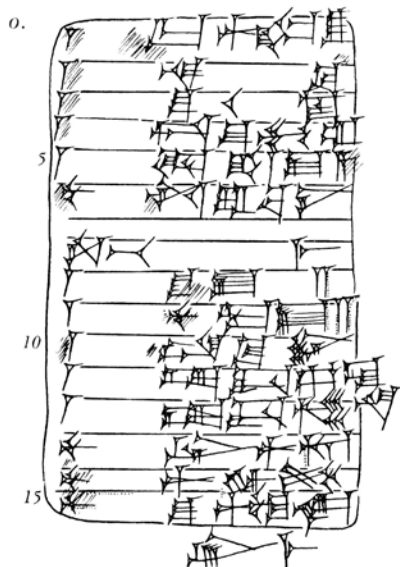
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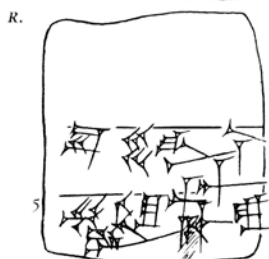
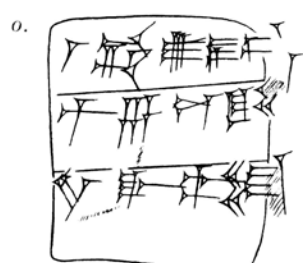
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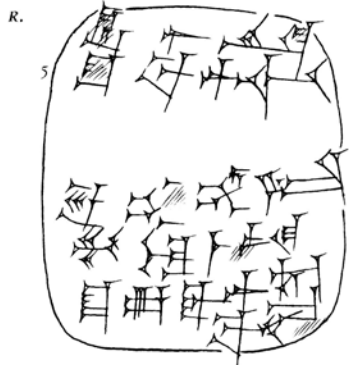
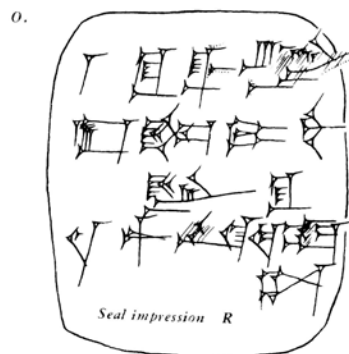
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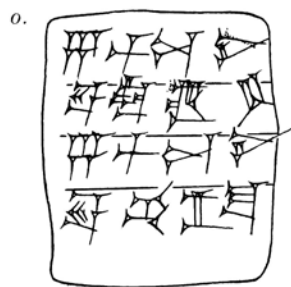
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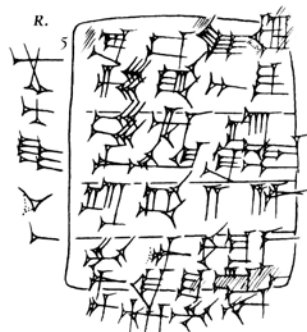
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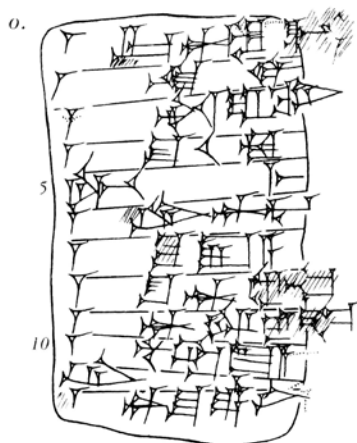
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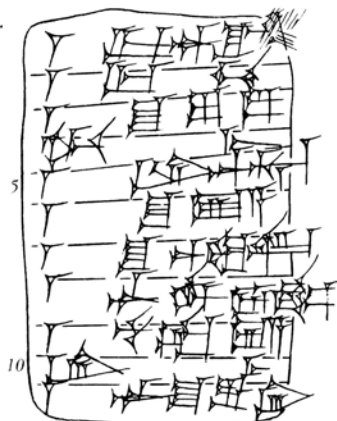
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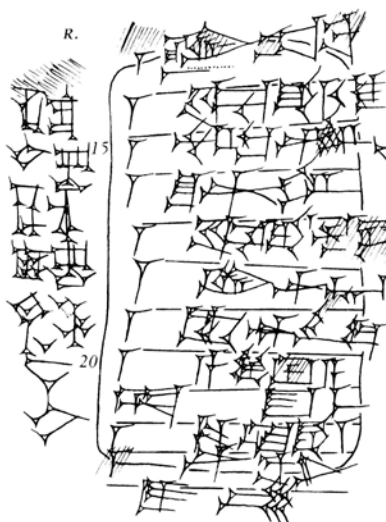
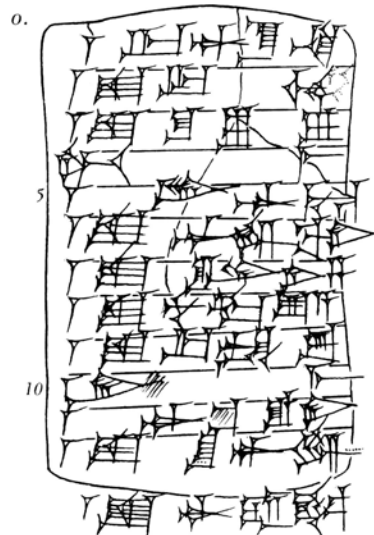
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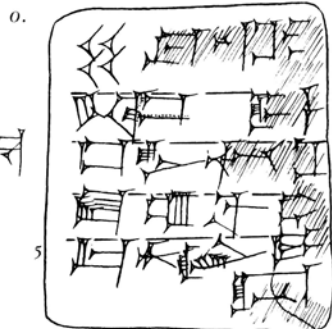
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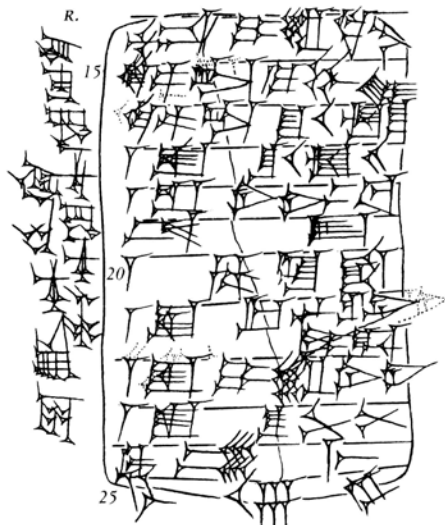
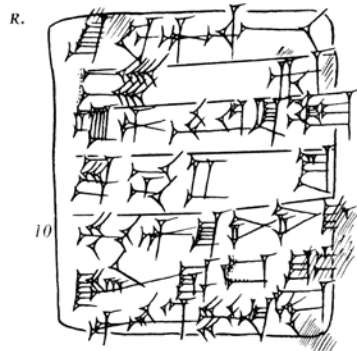
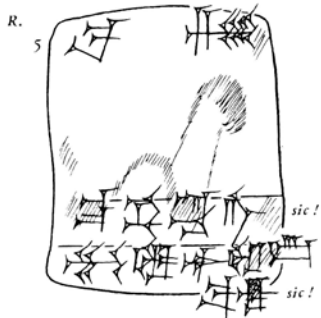
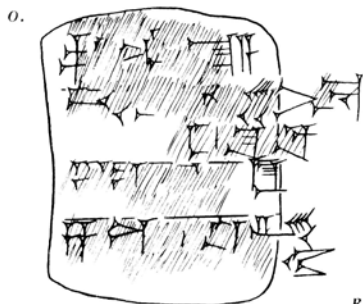
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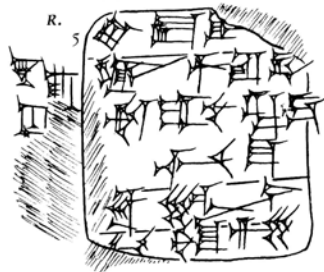
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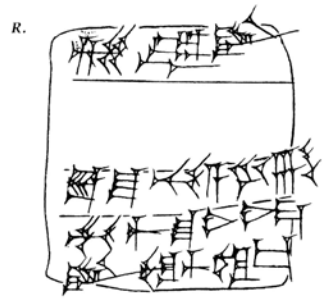
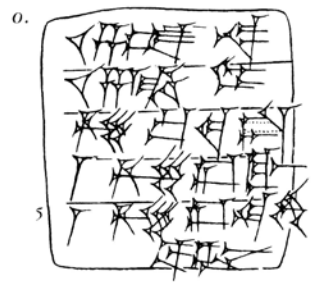
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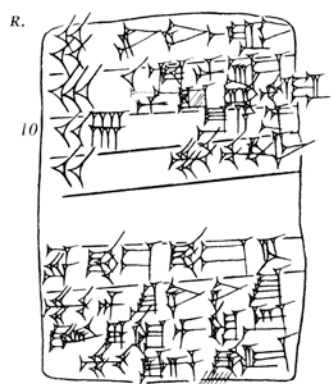
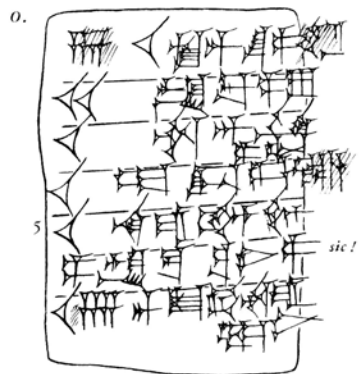
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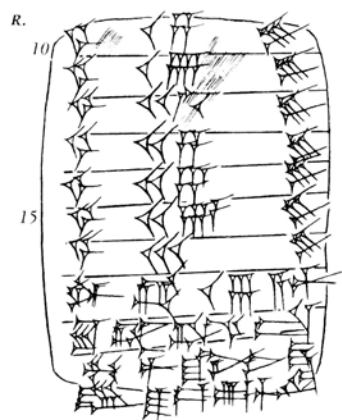
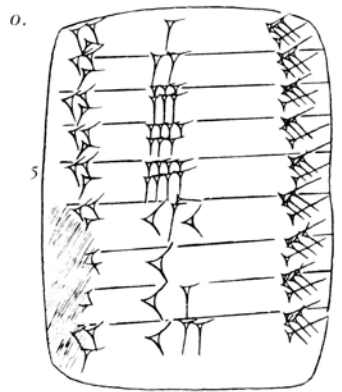
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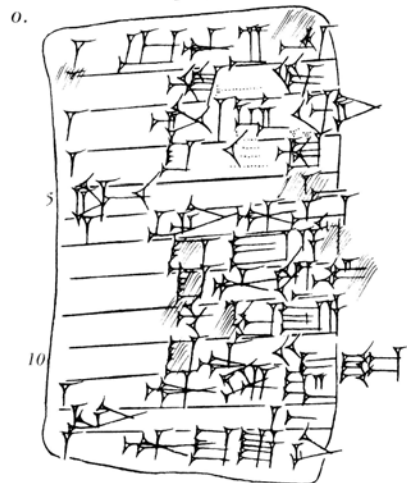
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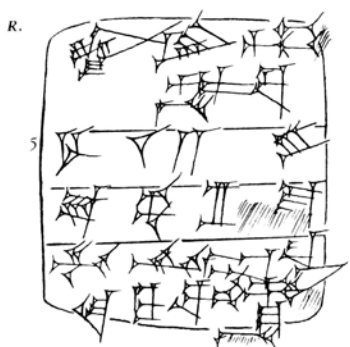
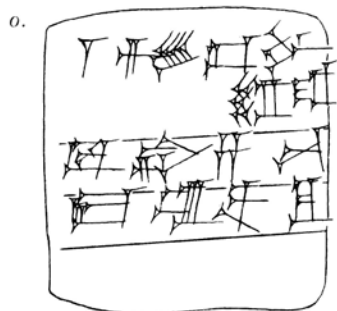
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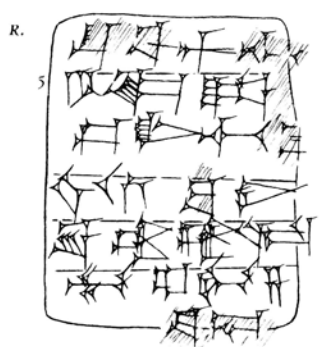
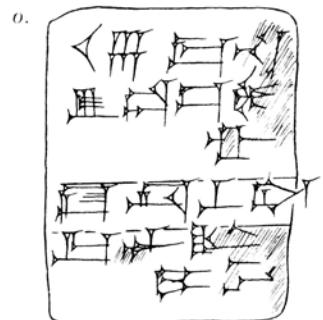
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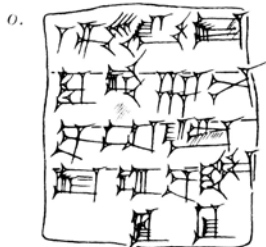
523



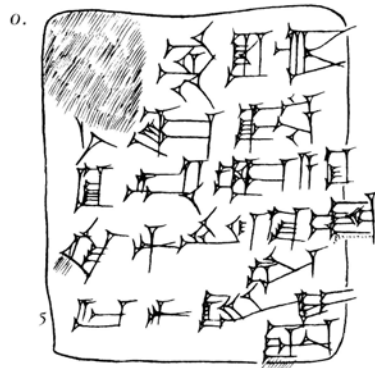
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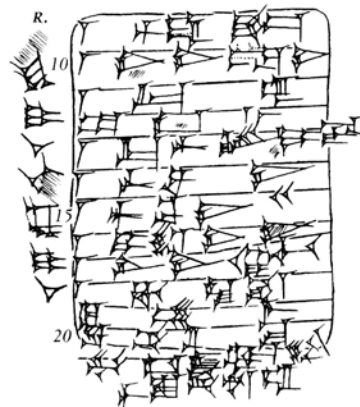
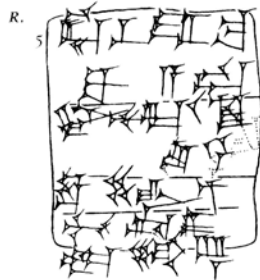
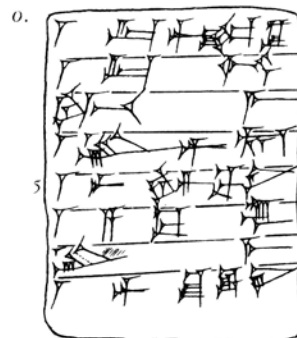
525



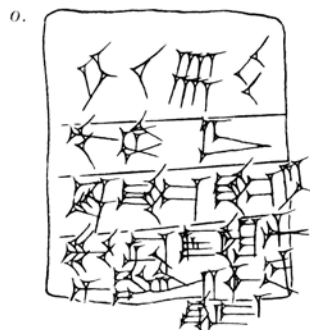
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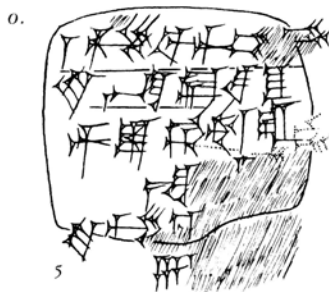
527



528



529



530



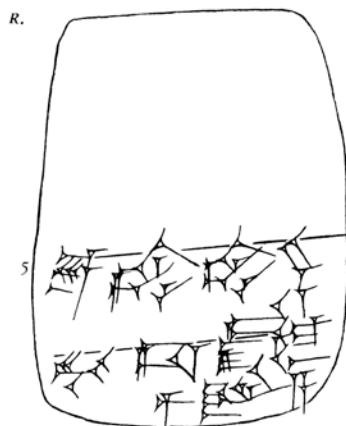
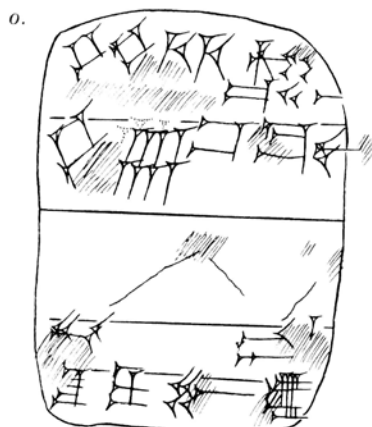
Reverse not inscribed

Seal impressions M T

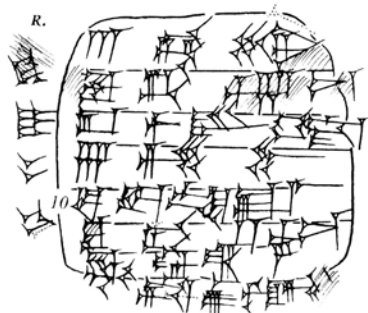
heavily impressed



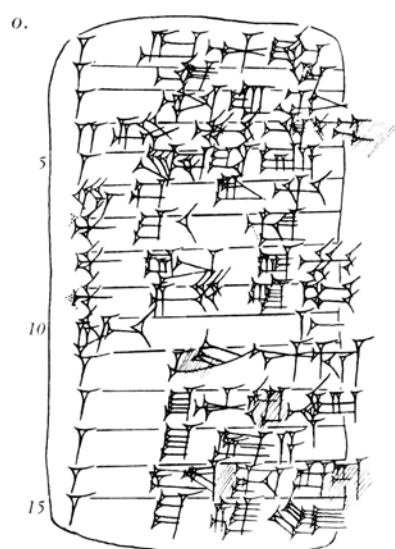
531



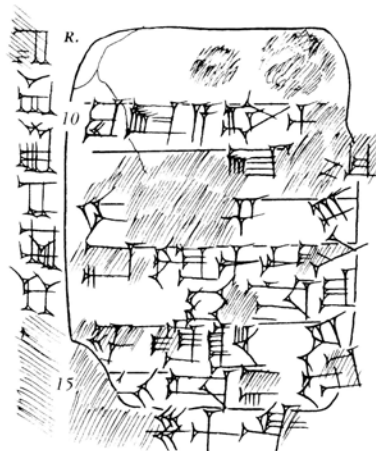
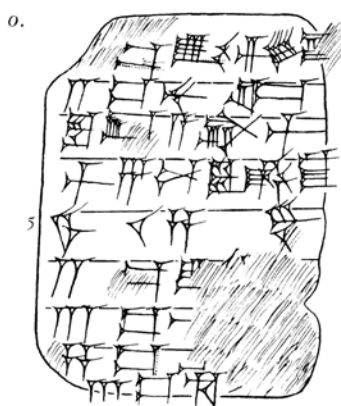
532



533



534



535

