𐎜𐎂𐎗𐎚 (ʾ**ugrt**)

Ugaritic
and other ancient scripts

—

An ASCII input method

—

š l m ʾu g r t
𐎌𐎍𐎎𐎟𐎜𐎂𐎗𐎚 *well-being for Ugarit*

š l m ṯ ġ h
𐎌𐎍𐎎𐎟𐎘𐎙𐎅 *well-being for her gates*

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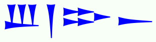
1 Quick Overview

1.1 Commands for inline text



Unicode codepoint	
U+10380	𐎀
`\ugtransuc {U+10380}` ↦ 𐎀	

(1)

Items may be accessed via the Unicode codepoint (in hexadecimal format). The command assumes that **\ugfont** has been defined.

Short command: `\uguc {U+10380}` ↦ 𐎀.

See §2.1 for a list of Unicode codepoints.

Unicode name	
alpa	𐎀
`\ugtransun {alpa}` ↦ 𐎀	

(2)

Items may be accessed via a shortened form of the Unicode name. The command assumes that **\ugfont** has been defined.

Short command: `\ugun {alpa}` ↦ 𐎀.

See §2.2 for a list of Unicode names.

Typing shortcut	
a	𐎀
`\ugtransts {a}` ↦ 𐎀	

(3)

Items may be accessed by typing arbitrarily-defined shortcuts from the keyboard.

The default shortcuts are based on the Latin qwerty keyboard. The command assumes that **\ugfont** has been defined.

Short command: `\ugts {a}` ↦ 𐎀.

See §2.3 for the default list of typing shortcuts.

TS-to-ST	
a.	**ʾa**
`\ugtranstsst {a.}` ↦ **ʾa**	

(4)

Typing shortcuts, delimited with a dot (.) when needing to disambiguate, can produce scholarly (standard) transliteration: **dlt ʾugrt s$_2$ṣs**.

Parsing of expressions is from left to right, with the longest shortcuts processed first, so that the sequence `\ugtranstsst {sss}` ↦ **ṣs** (=ss+s) is different to `\ugtranstsst {s.ss}` ↦ **sṣ**.

Short command: `\ugst {ashgh}` ↦ **ʾašġ**.

See §2.4 for the list of transliterations.

1.1.1 Inline Styles

Various inline styles are available: word + transliteration; ruby text; glosses.

word (trans)	
a.	𐎀 (**ʾa**)
`\ugw {a.}` ↦ 𐎀 (**ʾa**)	

(5)

𐎄𐎍𐎚𐎟𐎜𐎂𐎗𐎚𐎟𐎝𐎕𐎒 (**dlt ʾugrt s₂ṣs**)
`\ugw {ssu}` ↦ 𐎝 (**s₂**) versus `\ugw {s.s.u.}` ↦ 𐎒𐎒𐎜 (**ssʾu**).

Ruby text	
a.	ʾa 𐎀
`\ugruby {a.}` ↦ ʾa 𐎀	

(6)

d l t ʾu g r t s₂ ṣ s
𐎄𐎍𐎚𐎟𐎜𐎂𐎗𐎚𐎟𐎝𐎕𐎒

Glossing: 𐎄𐎍𐎚 (**dlt**, ‘royal palace guard post’)

Gloss
`\uggloss {dltt}{The Door}` ↦ 𐎄𐎍𐎚 (**dlt**, ‘The Door’)

(7)

1.2 Environments

The corresponding environments have an **e** at the end of their name.

(8)

Unicode codepoint environment: ugtransuce

```
\begin{ugtransuce}
U+10380

U+10380
\end{ugtransuce}
```

𐎀
𐎀

(9)

Unicode name environment: **ugtransune**

```
\begin{ugtransune}
beta gamla

delta lamda to
\end{ugtransune}
```

𐎁𐎂
𐎄𐎍𐎚

(10)

Typing shortcut environment: **ugtranstse**

```
\begin{ugtranstse}
dltt

shlmdivugrtt
\end{ugtranstse}
```

𐎄𐎍𐎚
𐎌𐎍𐎎𐎟𐎜𐎂𐎗𐎚

(11)

Transliteration environment: **ugtranstsste**

```
\begin{ugtranstsste}
dltt

shlmdivugrtt
\end{ugtranstsste}
```

dlt
šlm ʾugrt

(12)

Ruby text environment: **ugrubye**

```
\begin{ugrubye}
dltt

shlmdivugrtt
\end{ugrubye}
```

d l t
𐎄𐎍𐎚
š l m ʾu g r t
𐎌𐎍𐎎𐎟𐎜𐎂𐎗𐎚

1.3 Samples

𐎜𐎂𐎗𐎚 (**ʾugrt**, ‘Ugart’)’s “ruins are often called **Ras Shamra** after the headland where they lie” (*Ugarit* n.d.).

“The word 𐎛𐎍 (**ʾil**) is used over five hundred times in the texts from Ugarit.” (Robinson 2010, p. 28)

"The 𐎌𐎍𐎎𐎎 (**šlmm**) sacrifice, for example, appears to reflect a cultic meal in which the offerer partook of the same meal as was offered to the divinity." (Pardee 2002, p. 4)

𐎌𐎍𐎎𐎟𐎜𐎂𐎗𐎚 (**šlm ʾugrt**, 'well-being for Ugarit')
𐎌𐎍𐎎𐎟𐎘𐎙𐎅 (**šlm ṯġh**, 'well-being for her gates')[1]

References

Pardee, Dennis (2002). 'Ugarit Ritual Texts'. In: *The Oriental Institute News & Notes* 172 (Winter), pp. 1–5. URL: `https://oi.uchicago.edu/sites/oi.uchicago.edu/files/uploads/shared/docs/nn172.pdf`.

Robinson, Jed (2010). 'The God of the Patriarchs and the Ugaritic Texts. A Shared Religious and Cultural Identity'. In: *Studia Antiqua. A Student Journal for the Study of the Ancient World* 8.1, pp. 25–33. URL: `https://scholarsarchive.byu.edu/studiaantiqua/vol8/iss1/4`.

Ugarit (n.d.). Wikipedia. URL: `https://en.wikipedia.org/wiki/Ugarit`.

2 Usage

Environment ugtransuce inside a quotation environment:

> 𐎚𐎚𐎚𐎚 *italic* 𐎚𐎚
> 𐎚𐎚𐎚 𐎀 **dlt** abc xyz

Environment ugtranstse:

𐎀𐎁[𐎂]
𐎌𐎍𐎎 𐎜𐎂𐎗𐎚 𐎄𐎍𐎚
𐎎𐎍⌜𐎋⌝
[𐎁]𐎓𐎍𐎋.𐎍.𐎋𐎒⌜𐎛⌝

Environment ugtranstsse:

ʾab[g]
šlm ʾugrt dlt
ml⌜k⌝
[b]ʿlk.l.ks⌜ʾi⌝

Environment ugrubye:

---

[1] Translation in Pardee 2002; translation and transliteration in *A Manual of Ugaritic*, p 216 viewed via GoogleBooks (id = 7tYNEAAAQBAJ).

ʾa b g
𐎀𐎁[𐎂]

š l m ʾu g r t d l t
𐎌𐎍𐎎 𐎜𐎂𐎗𐎚 𐎄𐎍𐎚

m l k
𐎎𐎍⌜𐎋⌝

b ʿ l k l k s ʾi
[𐎁]𐎓𐎍𐎋.𐎍.𐎋𐎒⌜𐎛⌝

Environment ugtableture (ugtranstse + ugtranstsste):

𐎀𐎁[𐎂]
𐎌𐎍𐎎 𐎜𐎂𐎗𐎚 𐎄𐎍𐎚
𐎎𐎍⌜𐎋⌝
[𐎁]𐎓𐎍𐎋.𐎍.𐎋𐎒⌜𐎛⌝

ʾab[g]
šlm ʾugrt dlt
ml⌜k⌝
[b]ʿlk.l.ks⌜ʾi⌝

2.1 List of Unicode codepoints

For command `\ugtransuc {}`.

[Ugaritic]
U+10380 ↦ 𐎀
U+10381 ↦ 𐎁
U+10382 ↦ 𐎂
U+10383 ↦ 𐎃
U+10384 ↦ 𐎄
U+10385 ↦ 𐎅
U+10386 ↦ 𐎆
U+10387 ↦ 𐎇
U+10388 ↦ 𐎈
U+10389 ↦ 𐎉
U+1038A ↦ 𐎊
U+1038B ↦ 𐎋
U+1038C ↦ 𐎌
U+1038D ↦ 𐎍
U+1038E ↦ 𐎎
U+1038F ↦ 𐎏
U+10390 ↦ 𐎐
U+10391 ↦ 𐎑
U+10392 ↦ 𐎒
U+10393 ↦ 𐎓
U+10394 ↦ 𐎔
U+10395 ↦ 𐎕
U+10396 ↦ 𐎖
U+10397 ↦ 𐎗
U+10398 ↦ 𐎘
U+10399 ↦ 𐎙
U+1039A ↦ 𐎚
U+1039B ↦ 𐎛
U+1039C ↦ 𐎜
U+1039D ↦ 𐎝
U+1039F ↦ 𐎟
[End of List]

2.2 List of Unicode names

For command `\ugtransun {}`.

[Ugaritic]
alpa ↦ 𐎀
beta ↦ 𐎁
gamla ↦ 𐎂
kha ↦ 𐎃
delta ↦ 𐎄
ho ↦ 𐎅
wo ↦ 𐎆
zeta ↦ 𐎇
hota ↦ 𐎈
tet ↦ 𐎉
yod ↦ 𐎊
kaf ↦ 𐎋
shin ↦ 𐎌
lamda ↦ 𐎍
mem ↦ 𐎎
dhal ↦ 𐎏
nun ↦ 𐎐
zu ↦ 𐎑
samka ↦ 𐎒
ain ↦ 𐎓
pu ↦ 𐎔
sade ↦ 𐎕
qopa ↦ 𐎖
rasha ↦ 𐎗
thanna ↦ 𐎘
ghain ↦ 𐎙
to ↦ 𐎚
i ↦ 𐎛
u ↦ 𐎜
ssu ↦ 𐎝
worddivider ↦ 𐎟
[End of List]

2.3 List of Typing Shortcuts

For command `\ugtransts {}`.

[Ugaritic]
a ↦ 𐎀
b ↦ 𐎁
g ↦ 𐎂
k ↦ 𐎃
d ↦ 𐎄
h ↦ 𐎅
w ↦ 𐎆
z ↦ 𐎇
hh ↦ 𐎈
t ↦ 𐎉
y ↦ 𐎊
kk ↦ 𐎋
sh ↦ 𐎌
l ↦ 𐎍
m ↦ 𐎎
dh ↦ 𐎏
n ↦ 𐎐
zz ↦ 𐎑
s ↦ 𐎒
j ↦ 𐎓
p ↦ 𐎔
ss ↦ 𐎕
q ↦ 𐎖
r ↦ 𐎗
th ↦ 𐎘
gh ↦ 𐎙
tt ↦ 𐎚
i ↦ 𐎛
u ↦ 𐎜
ssu ↦ 𐎝
div ↦ 𐎟
[End of List]

2.4 List of Standard Transliteration

For command `\ugtransst {}`.

[Ugaritic]
a ↦ ʾa
b ↦ b
g ↦ g
k ↦ ḫ
d ↦ d
h ↦ h
w ↦ w
z ↦ z
hh ↦ ḥ
t ↦ ṭ
y ↦ y
kk ↦ k
sh ↦ š
l ↦ l
m ↦ m
dh ↦ ḏ
n ↦ n
zz ↦ ẓ
s ↦ s
j ↦ ˤ
p ↦ p
ss ↦ ṣ
q ↦ q
r ↦ r
th ↦ ṯ
gh ↦ ġ
tt ↦ t
i ↦ ʾi
u ↦ ʾu
ssu ↦ s_2
div ↦
[End of List]

3 Reference Table

Glyph	Transliteration	Shortcut	U-name	Macro	Codepoint
𐎀	ʾa	a	alpa	\ugalpa	U+10380
𐎁	b	b	beta	\ugbeta	U+10381
𐎂	g	g	gamla	\uggamla	U+10382
𐎃	ḫ	k	kha	\ugkha	U+10383
𐎄	d	d	delta	\ugdelta	U+10384
𐎅	h	h	ho	\ugho	U+10385
𐎆	w	w	wo	\ugwo	U+10386
𐎇	z	z	zeta	\ugzeta	U+10387
𐎈	ḥ	hh	hota	\ughota	U+10388
𐎉	ṭ	t	tet	\ugtet	U+10389
𐎊	y	y	yod	\ugyod	U+1038A
𐎋	k	kk	kaf	\ugkaf	U+1038B
𐎌	š	sh	shin	\ugshin	U+1038C
𐎍	l	l	lamda	\uglamda	U+1038D
𐎎	m	m	mem	\ugmem	U+1038E
𐎏	ḏ	dh	dhal	\ugdhal	U+1038F
𐎐	n	n	nun	\ugnun	U+10390
𐎑	ẓ	zz	zu	\ugzu	U+10391
𐎒	s	s	samka	\ugsamka	U+10392
𐎓	ˁ	j	ain	\ugain	U+10393
𐎔	p	p	pu	\ugpu	U+10394
𐎕	ṣ	ss	sade	\ugsade	U+10395
𐎖	q	q	qopa	\ugqopa	U+10396
𐎗	r	r	rasha	\ugrasha	U+10397
𐎘	ṯ	th	thanna	\ugthanna	U+10398
𐎙	ġ	gh	ghain	\ugghain	U+10399
𐎚	t	tt	to	\ugto	U+1039A
𐎛	ʾi	i	i	\ugi	U+1039B
𐎜	ʾu	u	u	\ugu	U+1039C
𐎝	s_2	ssu	ssu	\ugssu	U+1039D
𐎟		div	worddivider	\ugworddivider	U+1039F

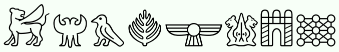
4 Anatolian Hieroglyphs

Unicode codepoint	
U+14400	𔐀
`\ahuc {U+14400}` ↦ 𔐀	

(13)

Unicode name	
a001	𔐀
`\ahun {a001}` ↦ 𔐀	

(14)



4.1 List of Glyphs

a001 ↦ 𔐀
a002 ↦ 𔐁
a003 ↦ 𔐂
a004 ↦ 𔐃
a005 ↦ 𔐄
a006 ↦ 𔐅
a007 ↦ 𔐆
a008 ↦ 𔐇
a009 ↦ 𔐈
a010 ↦ 𔐉
a010a ↦ 𔐊
a011 ↦ 𔐋
a012 ↦ 𔐌
a013 ↦ 𔐍
a014 ↦ 𔐎
a015 ↦ 𔐏
a016 ↦ 𔐐
a017 ↦ 𔐑
a018 ↦ 𔐒
a019 ↦ 𔐓
a020 ↦ 𔐔
a021 ↦ 𔐕
a022 ↦ 𔐖
a023 ↦ 𔐗
a024 ↦ 𔐘
a025 ↦ 𔐙
a026 ↦ 𔐚
a026a ↦ 𔐛
a027 ↦ 𔐜
a028 ↦ 𔐝
a029 ↦ 𔐞
a030 ↦ 𔐟
a031 ↦ 𔐠
a032 ↦ 𔐡
a033 ↦ 𔐢
a034 ↦ 𔐣
a035 ↦ 𔐤
a036 ↦ 𔐥
a037 ↦ 𔐦
a038 ↦ 𔐧
a039 ↦ 𔐨
a039a ↦ 𔐩
a040 ↦ 𔐪
a041 ↦ 𔐫
a041a ↦ 𔐬
a042 ↦ 𔐭
a043 ↦ 𔐮
a044 ↦ 𔐯
a045 ↦ 𔐰
a045a ↦ 𔐱
a046 ↦ 𔐲
a046a ↦ 𔐳
a046b ↦ 𔐴
a047 ↦ 𔐵
a048 ↦ 𔐶
a049 ↦ 𔐷
a050 ↦ 𔐸
a051 ↦ 𔐹
a052 ↦ 𔐺
a053 ↦ 𔐻
a054 ↦ 𔐼
a055 ↦ 𔐽
a056 ↦ 𔐾
a057 ↦ 𔐿
a058 ↦ 𔑀
a059 ↦ 𔑁
a060 ↦ 𔑂
a061 ↦ 𔑃
a062 ↦ 𔑄
a063 ↦ 𔑅
a064 ↦ 𔑆
a065 ↦ 𔑇
a066 ↦ 𔑈
a066a ↦ 𔑉
a066b ↦ 𔑊
a066c ↦ 𔑋
a067 ↦ 𔑌
a068 ↦ 𔑍
a069 ↦ 𔑎
a070 ↦ 𔑏
a071 ↦ 𔑐
a072 ↦ 𔑑
a073 ↦ 𔑒
a074 ↦ 𔑓
a075 ↦ 𔑔
a076 ↦ 𔑕
a077 ↦ 𔑖
a078 ↦ 𔑗
a079 ↦ 𔑘
a080 ↦ 𔑙
a081 ↦ 𔑚
a082 ↦ 𔑛
a083 ↦ 𔑜

a084 ↦
a085 ↦
a086 ↦
a087 ↦
a088 ↦
a089 ↦
a090 ↦
a091 ↦
a092 ↦
a093 ↦
a094 ↦
a095 ↦
a096 ↦
a097 ↦
a097a ↦
a098 ↦
a098a ↦
a099 ↦
a100 ↦
a100a ↦
a101 ↦
a101a ↦
a102 ↦
a102a ↦
a103 ↦
a104 ↦
a104a ↦
a104b ↦
a104c ↦
a105 ↦
a105a ↦
a105b ↦
a106 ↦
a107 ↦
a107a ↦
a107b ↦
a107c ↦
a108 ↦
a109 ↦
a110 ↦
a110a ↦
a110b ↦
a111 ↦
a112 ↦
a113 ↦
a114 ↦
a115 ↦
a115a ↦
a116 ↦
a117 ↦
a118 ↦
a119 ↦
a120 ↦
a121 ↦
a122 ↦
a123 ↦
a124 ↦
a125 ↦
a125a ↦
a126 ↦
a127 ↦
a128 ↦
a129 ↦
a130 ↦
a131 ↦
a132 ↦
a133 ↦
a134 ↦
a135 ↦
a135a ↦
a136 ↦
a137 ↦
a138 ↦
a139 ↦
a140 ↦
a141 ↦
a142 ↦
a143 ↦
a144 ↦
a145 ↦
a146 ↦
a147 ↦
a148 ↦
a149 ↦
a150 ↦
a151 ↦
a152 ↦
a153 ↦
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a156 ↦
a157 ↦
a158 ↦
a159 ↦
a160 ↦
a161 ↦
a162 ↦
a163 ↦
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a167 ↦
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a170 ↦
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a189 ↦
a190 ↦
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a193 ↦
a194 ↦
a195 ↦
a196 ↦
a197 ↦
a198 ↦
a199 ↦
a200 ↦
a201 ↦
a202 ↦
a202a ↦
a202b ↦
a203 ↦
a204 ↦
a205 ↦
a206 ↦
a207 ↦
a207a ↦
a208 ↦
a209 ↦
a209a ↦
a210 ↦
a211 ↦
a212 ↦
a213 ↦
a214 ↦
a215 ↦
a215a ↦
a216 ↦
a216a ↦
a217 ↦
a218 ↦
a219 ↦
a220 ↦
a221 ↦
a222 ↦
a223 ↦
a224 ↦
a225 ↦

a226 ↦
a227 ↦
a227a ↦
a228 ↦
a229 ↦
a230 ↦
a231 ↦
a232 ↦
a233 ↦
a234 ↦
a235 ↦
a236 ↦
a237 ↦
a238 ↦
a239 ↦
a240 ↦
a241 ↦
a242 ↦
a243 ↦
a244 ↦
a245 ↦
a246 ↦
a247 ↦
a248 ↦
a249 ↦
a250 ↦
a251 ↦
a252 ↦
a253 ↦
a254 ↦
a255 ↦
a256 ↦
a257 ↦
a258 ↦
a259 ↦
a260 ↦
a261 ↦
a262 ↦
a263 ↦
a264 ↦
a265 ↦
a266 ↦
a267 ↦
a267a ↦
a268 ↦
a269 ↦
a270 ↦
a271 ↦
a272 ↦
a273 ↦
a274 ↦
a275 ↦
a276 ↦
a277 ↦
a278 ↦
a279 ↦
a280 ↦
a281 ↦
a282 ↦
a283 ↦
a284 ↦
a285 ↦
a286 ↦
a287 ↦
a288 ↦
a289 ↦
a289a ↦
a290 ↦
a291 ↦
a292 ↦
a293 ↦
a294 ↦
a294a ↦
a295 ↦
a296 ↦
a297 ↦
a298 ↦
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a299a ↦
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a309a ↦
a310 ↦
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a316 ↦
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a318 ↦
a319 ↦
a320 ↦
a321 ↦
a322 ↦
a323 ↦
a324 ↦
a325 ↦
a326 ↦
a327 ↦
a328 ↦
a329 ↦
a329a ↦
a330 ↦
a331 ↦
a332a ↦
a332b ↦
a332c ↦
a333 ↦
a334 ↦
a335 ↦
a336 ↦
a336a ↦
a336b ↦
a336c ↦
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a338 ↦
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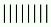
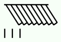
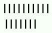
a358 ↦
a359 ↦
a359a ↦
a360 ↦
a361 ↦
a362 ↦
a363 ↦
a364 ↦
a364a ↦
a365 ↦
a366 ↦
a367 ↦
a368 ↦
a368a ↦
a369 ↦
a370 ↦
a371 ↦
a371a ↦
a372 ↦
a373 ↦
a374 ↦
a375 ↦
a376 ↦
a377 ↦

a378 ↦
a379 ↦
a380 ↦
a381 ↦
a381a ↦
a382 ↦
a383raorri ↦
a383a ↦
a384 ↦
a385 ↦
a386 ↦
a386a ↦
a387 ↦
a388 ↦
a389 ↦
a390 ↦
a391 ↦
a392 ↦
a393eight ↦ 
a394 ↦ 
a395 ↦
a396 ↦ 
a397 ↦
a398 ↦
a399 ↦
a400 ↦
a401 ↦
a402 ↦
a403 ↦
a404 ↦
a405 ↦
a406 ↦
a407 ↦
a408 ↦
a409 ↦
a410 ↦
a410a ↦
a411 ↦
a412 ↦
a413 ↦

a414 ↦
a415 ↦
a416 ↦
a417 ↦
a418 ↦
a419 ↦
a420 ↦
a421 ↦
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a423 ↦
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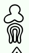
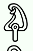
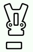
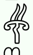
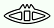
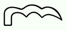
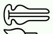
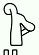
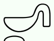
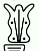
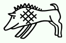
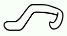
a425 ↦
a426 ↦
a427 ↦
a428 ↦
a429 ↦
a430 ↦
a431 ↦
a432 ↦
a433 ↦
a434 ↦
a435 ↦
a436 ↦
a437 ↦
a438 ↦
a439 ↦
a440 ↦
a441 ↦
a442 ↦
a443 ↦
a444 ↦
a445 ↦
a446 ↦
a447 ↦
a448 ↦
a449 ↦
a450 ↦
a450a ↦
a451 ↦
a452 ↦

a453 ↦ 
a454 ↦
a455 ↦
a456 ↦
a457 ↦
a457a ↦
a458 ↦
a459 ↦
a460 ↦ 
a461 ↦
a462 ↦
a463 ↦
a464 ↦
a465 ↦
a466 ↦
a467 ↦
a468 ↦
a469 ↦ 
a470 ↦
a471 ↦
a472 ↦
a473 ↦
a474 ↦
a475 ↦
a476 ↦
a477 ↦
a478 ↦ 
a479 ↦
a480 ↦
a481 ↦
a482 ↦
a483 ↦ 
a484 ↦
a485 ↦
a486 ↦ 
a487 ↦
a488 ↦
a489 ↦
a490 ↦

a491 ↦
a492 ↦
a493 ↦
a494 ↦
a495 ↦
a496 ↦
a497 ↦ 
a501 ↦
a502 ↦
a503 ↦
a504 ↦ 
a505 ↦
a506 ↦ 
a507 ↦
a508 ↦
a509 ↦
a510 ↦
a511 ↦ 
a512 ↦
a513 ↦
a514 ↦
a515 ↦
a516 ↦
a517 ↦
a518 ↦
a519 ↦
a520 ↦
a521 ↦
a522 ↦
a523 ↦
a524 ↦
a525 ↦
a526 ↦
a527 ↦ 
a528 ↦ 
a529 ↦
a530 ↦

[End of List]

5 Avestan

i m ā t a v ō v
𐬬𐬋 𐬬𐬀𐬙𐬁𐬨𐬌 (vō vatāmi, ‘I understand you’)

i m ā t a v ō v
← 𐬬𐬋 𐬬𐬀𐬙𐬁𐬨𐬌

Unicode codepoint	
U+10B00	𐬀
`\avuc {U+10B00}` ↦ 𐬀	

(15)

Unicode name	
a	𐬀
`\avun {a}` ↦ 𐬀	

(16)

Typing shortcut	
a	𐬀
`\avts {a}` ↦ 𐬀	

(17)

Transliteration	
aa	ā
`\avst {aa}` ↦ ā	

(18)

Ruby text	
aaahh	å ā 𐬁𐬂
`\avruby {aaahh}` ↦ å ā 𐬁𐬂	

(19)

å ā
← 𐬀𐬎𐬬𐬁𐬂

ā å
Note the reversal: `\avruby {aa}` ↦ 𐬁 + `\avruby {ahh}` ↦ 𐬂 comes

å ā
out as `\avruby {aaahh}` ↦ 𐬁𐬂.

p ā u d a m

The word 𐬁𐬞← (āp) means ‘water’, and 𐬨𐬀𐬛𐬎 (madu, ‘honey’) is ‘mead’.

u d a m p ā

𐬁𐬞𐬨𐬀𐬛𐬎

a n s a y a n s a y

𐬫𐬀𐬯𐬥𐬀, as ruby text; and 𐬫𐬀𐬯𐬥𐬀← (yasna), as a word.

(𐬨𐬀𐬛𐬎 𐬁𐬞 (𐬨𐬀𐬛𐬎 𐬁𐬞

With the **avestan** environment (which uses `luatex`’s `\pardir` and `\textdir` directives), words are set RTL in RTL paragraphs, and the letter sequence in the words is also reversed:

𐬁𐬞 𐬨𐬀𐬛𐬎 𐬁𐬞 𐬨𐬀𐬛𐬎 𐬁𐬞 𐬨𐬀𐬛𐬎 𐬁𐬞 𐬨𐬀𐬛𐬎 𐬁𐬞 𐬨𐬀𐬛𐬎 𐬁𐬞
𐬨𐬀𐬛𐬎 𐬁𐬞 𐬨𐬀𐬛𐬎 𐬁𐬞 𐬨𐬀𐬛𐬎 𐬁𐬞 𐬨𐬀𐬛𐬎 𐬁𐬞 𐬨𐬀𐬛𐬎 𐬁𐬞 𐬨𐬀𐬛𐬎
𐬁𐬞 𐬨𐬀𐬛𐬎 𐬁𐬞 𐬨𐬀𐬛𐬎 𐬁𐬞 𐬨𐬀𐬛𐬎 𐬁𐬞 𐬨𐬀𐬛𐬎 𐬁𐬞 𐬨𐬀𐬛𐬎 𐬁𐬞
𐬨𐬀𐬛𐬎 𐬁𐬞 𐬨𐬀𐬛𐬎 𐬁𐬞 𐬨𐬀𐬛𐬎 𐬁𐬞 𐬨𐬀𐬛𐬎 𐬁𐬞 𐬨𐬀𐬛𐬎 𐬁𐬞 𐬨𐬀𐬛𐬎
𐬁𐬞 𐬨𐬀𐬛𐬎 𐬁𐬞 𐬨𐬀𐬛𐬎 𐬁𐬞 𐬨𐬀𐬛𐬎 𐬁𐬞 𐬨𐬀𐬛𐬎

𐬁𐬞 𐬨𐬀𐬛𐬎 𐬁𐬞 𐬨𐬀𐬛𐬎 𐬁𐬞 𐬨𐬀𐬛𐬎 𐬁𐬞 𐬨𐬀𐬛𐬎 𐬁𐬞 𐬨𐬀𐬛𐬎 𐬁𐬞
𐬨𐬀𐬛𐬎 𐬁𐬞 𐬨𐬀𐬛𐬎 𐬁𐬞 𐬨𐬀𐬛𐬎 𐬁𐬞 𐬨𐬀𐬛𐬎 𐬁𐬞 𐬨𐬀𐬛𐬎 𐬁𐬞 𐬨𐬀𐬛𐬎
𐬁𐬞 𐬨𐬀𐬛𐬎 𐬁𐬞 𐬨𐬀𐬛𐬎.

(20)

Avestan environment: **avestan**

```
\begin{avestan}
123 456 789 THE CAT SAT ON
    THE MAT.

aap madu aap madu aap madu
    aap madu aap madu aap
    madu aap madu aap madu.

aap madu aap madu aap madu
    aap madu aap madu aap
    madu aap madu aap madu
    aap madu.
\end{avestan}
```

NO TAS TAC EHT 987 654 321
.TAM EHT

𐬁𐬞 𐬨𐬀𐬛𐬎 𐬁𐬞 𐬨𐬀𐬛𐬎
𐬁𐬞 𐬨𐬀𐬛𐬎 𐬁𐬞 𐬨𐬀𐬛𐬎
𐬁𐬞 𐬨𐬀𐬛𐬎 𐬁𐬞 𐬨𐬀𐬛𐬎
𐬁𐬞 𐬨𐬀𐬛𐬎 𐬁𐬞 𐬨𐬀𐬛𐬎.

𐬁𐬞 𐬨𐬀𐬛𐬎 𐬁𐬞 𐬨𐬀𐬛𐬎
𐬁𐬞 𐬨𐬀𐬛𐬎 𐬁𐬞 𐬨𐬀𐬛𐬎
𐬁𐬞 𐬨𐬀𐬛𐬎 𐬁𐬞 𐬨𐬀𐬛𐬎
𐬁𐬞 𐬨𐬀𐬛𐬎 𐬁𐬞 𐬨𐬀𐬛𐬎
𐬁𐬞 𐬨𐬀𐬛𐬎.

5.1 List of Unicode codepoints

For command `\avtransuc {}`.

[Avestan]
U+10B00 ↦ 𐬀
U+10B01 ↦ 𐬁
U+10B02 ↦ 𐬂
U+10B03 ↦ 𐬃
U+10B04 ↦ 𐬄
U+10B05 ↦ 𐬅
U+10B06 ↦ 𐬆
U+10B07 ↦ 𐬇
U+10B08 ↦ 𐬈
U+10B09 ↦ 𐬉
U+10B0A ↦ 𐬊
U+10B0B ↦ 𐬋
U+10B0C ↦ 𐬌
U+10B0D ↦ 𐬍
U+10B0E ↦ 𐬎
U+10B0F ↦ 𐬏
U+10B10 ↦ 𐬐
U+10B11 ↦ 𐬑
U+10B12 ↦ 𐬒
U+10B13 ↦ 𐬓
U+10B14 ↦ 𐬔
U+10B15 ↦ 𐬕
U+10B16 ↦ 𐬖
U+10B17 ↦ 𐬗
U+10B18 ↦ 𐬘
U+10B19 ↦ 𐬙
U+10B1A ↦ 𐬚
U+10B1B ↦ 𐬛
U+10B1C ↦ 𐬜
U+10B1D ↦ 𐬝
U+10B1E ↦ 𐬞
U+10B1F ↦ 𐬟
U+10B20 ↦ 𐬠
U+10B21 ↦ 𐬡
U+10B22 ↦ 𐬢
U+10B23 ↦ 𐬣
U+10B24 ↦ 𐬤
U+10B25 ↦ 𐬥
U+10B26 ↦ 𐬦
U+10B27 ↦ 𐬧
U+10B28 ↦ 𐬨
U+10B29 ↦ 𐬩
U+10B2A ↦ 𐬪
U+10B2B ↦ 𐬫
U+10B2C ↦ 𐬬
U+10B2D ↦ 𐬭
U+10B2E ↦ 𐬮
U+10B2F ↦ 𐬯
U+10B30 ↦ 𐬰
U+10B31 ↦ 𐬱
U+10B32 ↦ 𐬲
U+10B33 ↦ 𐬳
U+10B34 ↦ 𐬴
U+10B35 ↦ 𐬵
U+10B39 ↦ 𐬹
U+10B3A ↦ 𐬺
U+10B3B ↦ 𐬻
U+10B3C ↦ 𐬼
U+10B3D ↦ 𐬽
U+10B3E ↦ 𐬾
U+10B3F ↦ 𐬿
[End of List]

5.2 List of Unicode names

For command `\avtransun {}`.

[Avestan]
a ↦ 𐬀
aa ↦ 𐬁
ao ↦ 𐬂
aao ↦ 𐬃
an ↦ 𐬄
aan ↦ 𐬅
ae ↦ 𐬆
aee ↦ 𐬇
e ↦ 𐬈
ee ↦ 𐬉
o ↦ 𐬊
oo ↦ 𐬋
i ↦ 𐬌
ii ↦ 𐬍
u ↦ 𐬎
uu ↦ 𐬏
ke ↦ 𐬐
xe ↦ 𐬑
xye ↦ 𐬒
xve ↦ 𐬓
ge ↦ 𐬔
gge ↦ 𐬕
ghe ↦ 𐬖
ce ↦ 𐬗
je ↦ 𐬘
te ↦ 𐬙
the ↦ 𐬚
de ↦ 𐬛
dhe ↦ 𐬜
tte ↦ 𐬝
pe ↦ 𐬞
fe ↦ 𐬟
be ↦ 𐬠
bhe ↦ 𐬡
nge ↦ 𐬢
ngye ↦ 𐬣
ngve ↦ 𐬤
ne ↦ 𐬥
nye ↦ 𐬦
nne ↦ 𐬧
me ↦ 𐬨
hme ↦ 𐬩
yye ↦ 𐬪
ye ↦ 𐬫
ve ↦ 𐬬
re ↦ 𐬭
le ↦ 𐬮
se ↦ 𐬯
ze ↦ 𐬰
she ↦ 𐬱
zhe ↦ 𐬲
shye ↦ 𐬳
sshe ↦ 𐬴
he ↦ 𐬵
abbreviation-mark ↦ 𐬹
p1 ↦ 𐬺
p2 ↦ 𐬻
p3 ↦ 𐬼
p4 ↦ 𐬽
p5 ↦ 𐬾
p6 ↦ 𐬿
[End of List]

5.3 List of Typing Shortcuts

For command `\avtransts {}`.

[Avestan]
a ↦ 𐬀
aa ↦ 𐬁
ah ↦ 𐬂
ahh ↦ 𐬃
au ↦ 𐬄
auu ↦ 𐬅
eh ↦ 𐬆
ehh ↦ 𐬇
e ↦ 𐬈
ee ↦ 𐬉
o ↦ 𐬊
oo ↦ 𐬋
i ↦ 𐬌
ii ↦ 𐬍
u ↦ 𐬎
uu ↦ 𐬏
k ↦ 𐬐
x ↦ 𐬑
xx ↦ 𐬒
xv ↦ 𐬓
g ↦ 𐬔
gg ↦ 𐬕
gh ↦ 𐬖
c ↦ 𐬗
j ↦ 𐬘
t ↦ 𐬙
th ↦ 𐬚
d ↦ 𐬛
dh ↦ 𐬜
tt ↦ 𐬝
p ↦ 𐬞
f ↦ 𐬟
b ↦ 𐬠
w ↦ 𐬡
ng ↦ 𐬢
ngj ↦ 𐬣
ngw ↦ 𐬤
n ↦ 𐬥
ny ↦ 𐬦
nny ↦ 𐬧
m ↦ 𐬨
mh ↦ 𐬩
yy ↦ 𐬪
y ↦ 𐬫
v ↦ 𐬬
r ↦ 𐬭
l ↦ 𐬮
s ↦ 𐬯
z ↦ 𐬰
sh ↦ 𐬱
zh ↦ 𐬲
ssh ↦ 𐬳
ss ↦ 𐬴
h ↦ 𐬵
’ ↦ 𐬹
p1 ↦ 𐬺
p2 ↦ 𐬻
p3 ↦ 𐬼
p4 ↦ 𐬽
p5 ↦ 𐬾
p6 ↦ 𐬿
[End of List]

5.4 List of Standard Transliteration

For command `\avtransst {}`.

[Avestan]
a ↦ a
aa ↦ ā
ah ↦ å
ahh ↦ å̄
au ↦ ą
auu ↦ ą̇
eh ↦ ə
ehh ↦ ə̄
e ↦ e
ee ↦ ē
o ↦ o
oo ↦ ō
i ↦ i
ii ↦ ī
u ↦ u
uu ↦ ū
k ↦ k
x ↦ x
xx ↦ x́
xv ↦ xᵛ
g ↦ g
gg ↦ ġ
gh ↦ γ
c ↦ c
j ↦ j
t ↦ t
th ↦ ϑ
d ↦ d
dh ↦ δ
tt ↦ t̰
p ↦ p
f ↦ f
b ↦ b
w ↦ β
ng ↦ ŋ
ngj ↦ ŋ́
ngw ↦ ŋᵛ
n ↦ n
ny ↦ ń
nny ↦ ṇ
m ↦ m
mh ↦ m̨
yy ↦ ẏ
y ↦ y
v ↦ v
r ↦ r
l ↦ l
s ↦ s
z ↦ z
sh ↦ š
zh ↦ ž
ssh ↦ š́
ss ↦ ş̌
h ↦ h
’ ↦ ’
p1 ↦ p1
p2 ↦ p2
p3 ↦ p3
p4 ↦ p4
p5 ↦ p5
p6 ↦ p6
[End of List]

5.5 Reference table

Glyph	Transliteration	Shortcut	U-name	Macro	Codepoint
𐬀	a	a	a	\ava	U+10B00
𐬁	ā	aa	aa	\avaa	U+10B01

𐬂	å	ah	ao	\avao	U+10B02
𐬃	å̄	ahh	aao	\avaao	U+10B03
𐬄	ą	au	an	\avan	U+10B04
𐬅	ą̇	auu	aan	\avaan	U+10B05
𐬆	ə	eh	ae	\avae	U+10B06
𐬇	ə̄	ehh	aee	\avaee	U+10B07
𐬈	e	e	e	\ave	U+10B08
𐬉	ē	ee	ee	\avee	U+10B09
𐬊	o	o	o	\avo	U+10B0A
𐬋	ō	oo	oo	\avoo	U+10B0B
𐬌	i	i	i	\avi	U+10B0C
𐬍	ī	ii	ii	\avii	U+10B0D
𐬎	u	u	u	\avu	U+10B0E
𐬏	ū	uu	uu	\avuu	U+10B0F
𐬐	k	k	ke	\avke	U+10B10
𐬑	x	x	xe	\avxe	U+10B11
𐬒	x́	xx	xye	\avxye	U+10B12
𐬓	x^{v}	xv	xve	\avxve	U+10B13
𐬔	g	g	ge	\avge	U+10B14
𐬕	ġ	gg	gge	\avgge	U+10B15
𐬖	γ	gh	ghe	\avghe	U+10B16
𐬗	c	c	ce	\avce	U+10B17
𐬘	j	j	je	\avje	U+10B18
𐬙	t	t	te	\avte	U+10B19
𐬚	ϑ	th	the	\avthe	U+10B1A
𐬛	d	d	de	\avde	U+10B1B
𐬜	δ	dh	dhe	\avdhe	U+10B1C
𐬝	t̰	tt	tte	\avtte	U+10B1D
𐬞	p	p	pe	\avpe	U+10B1E
𐬟	f	f	fe	\avfe	U+10B1F
𐬠	b	b	be	\avbe	U+10B20
𐬡	β	w	bhe	\avbhe	U+10B21
𐬢	ŋ	ng	nge	\avnge	U+10B22
𐬣	ŋ́	ngj	ngye	\avngye	U+10B23
𐬤	$ŋ^{v}$	ngw	ngve	\avngve	U+10B24

𐬥	n	n	ne	\avne	U+10B25
𐬦	ń	ny	nye	\avnye	U+10B26
𐬧	ṇ	nny	nne	\avnne	U+10B27
𐬨	m	m	me	\avme	U+10B28
𐬩	m̨	mh	hme	\avhme	U+10B29
𐬪	ẏ	yy	yye	\avyye	U+10B2A
𐬫	y	y	ye	\avye	U+10B2B
𐬬	v	v	ve	\avve	U+10B2C
𐬭	r	r	re	\avre	U+10B2D
𐬮	l	l	le	\avle	U+10B2E
𐬯	s	s	se	\avse	U+10B2F
𐬰	z	z	ze	\avze	U+10B30
𐬱	š	sh	she	\avshe	U+10B31
𐬲	ž	zh	zhe	\avzhe	U+10B32
𐬳	š́	ssh	shye	\avshye	U+10B33
𐬴	ṣ̌	ss	sshe	\avsshe	U+10B34
𐬵	h	h	he	\avhe	U+10B35
𐬹	’	’	abbreviationmark	\avabbreviationmark	U+10B39
𐬺	p1	p1	p1	\avpi	U+10B3A
𐬻	p2	p2	p2	\avpii	U+10B3B
𐬼	p3	p3	p3	\avpiii	U+10B3C
𐬽	p4	p4	p4	\avpiv	U+10B3D
𐬾	p5	p5	p5	\avpv	U+10B3E
𐬿	p6	p6	p6	\avpvi	U+10B3F

6 Brahmi

Unicode codepoint
U+11005 𑀅
`\bruc {U+11005}` ↦ 𑀅

(21)

Unicode name
kaaa 𑀓𑀸
`\brun {kaaa}` ↦ 𑀓𑀸

(22)

𑀓𑀕𑀚 𑀓𑀺𑀓𑀻 𑀓𑀼

𑀲+𑀢+𑁂 = 𑀲𑁂𑀢𑁂

6.1 List of Unicode codepoints

For command `\brtransuc {}`.

[Brahmi]
U+11000 ↦ 𑀀
U+11001 ↦ 𑀁
U+11002 ↦ 𑀂
U+11003 ↦ 𑀃
U+11004 ↦ 𑀄
U+11005 ↦ 𑀅
U+11006 ↦ 𑀆
U+11007 ↦ 𑀇
U+11008 ↦ 𑀈
U+11009 ↦ 𑀉
U+1100A ↦ 𑀊
U+1100B ↦ 𑀋
U+1100C ↦ 𑀌
U+1100D ↦ 𑀍
U+1100E ↦ 𑀎
U+1100F ↦ 𑀏
U+11010 ↦ 𑀐
U+11011 ↦ 𑀑
U+11012 ↦ 𑀒
U+11013 ↦ 𑀓
U+11014 ↦ 𑀔
U+11015 ↦ 𑀕
U+11016 ↦ 𑀖
U+11017 ↦ 𑀗
U+11018 ↦ 𑀘
U+11019 ↦ 𑀙
U+1101A ↦ 𑀚
U+1101B ↦ 𑀛
U+1101C ↦ 𑀜
U+1101D ↦ 𑀝
U+1101E ↦ 𑀞
U+1101F ↦ 𑀟
U+11020 ↦ 𑀠
U+11021 ↦ 𑀡
U+11022 ↦ 𑀢
U+11023 ↦ 𑀣
U+11024 ↦ 𑀤
U+11025 ↦ 𑀥
U+11026 ↦ 𑀦
U+11027 ↦ 𑀧
U+11028 ↦ 𑀨
U+11029 ↦ 𑀩
U+1102A ↦ 𑀪
U+1102B ↦ 𑀫
U+1102C ↦ 𑀬
U+1102D ↦ 𑀭
U+1102E ↦ 𑀮
U+1102F ↦ 𑀯
U+11030 ↦ 𑀰
U+11031 ↦ 𑀱
U+11032 ↦ 𑀲
U+11033 ↦ 𑀳
U+11034 ↦ 𑀴
U+11035 ↦ 𑀵
U+11036 ↦ 𑀶
U+11037 ↦ 𑀷
U+11038 ↦ 𑀸
U+11039 ↦ 𑀹
U+1103A ↦ 𑀺
U+1103B ↦ 𑀻
U+1103C ↦ 𑀼
U+1103D ↦ 𑀽
U+1103E ↦ 𑀾
U+1103F ↦ 𑀿
U+11040 ↦ 𑁀
U+11041 ↦ 𑁁
U+11042 ↦ 𑁂
U+11043 ↦ 𑁃
U+11044 ↦ 𑁄
U+11045 ↦ 𑁅
U+11046 ↦ 𑁆
U+11047 ↦ 𑁇
U+11048 ↦ 𑁈
U+11049 ↦ 𑁉
U+1104A ↦ 𑁊
U+1104B ↦ 𑁋
U+1104C ↦ 𑁌
U+1104D ↦ 𑁍
U+11052 ↦ 𑁒
U+11053 ↦ 𑁓
U+11054 ↦ 𑁔
U+11055 ↦ 𑁕
U+11056 ↦ 𑁖
U+11057 ↦ 𑁗
U+11058 ↦ 𑁘
U+11059 ↦ 𑁙
U+1105A ↦ 𑁚
U+1105B ↦ 𑁛
U+1105C ↦ 𑁜
U+1105D ↦ 𑁝
U+1105E ↦ 𑁞
U+1105F ↦ 𑁟
U+11060 ↦ 𑁠
U+11061 ↦ 𑁡
U+11062 ↦ 𑁢
U+11063 ↦ 𑁣
U+11064 ↦ 𑁤
U+11065 ↦ 𑁥
U+11066 ↦ 𑁦
U+11067 ↦ 𑁧
U+11068 ↦ 𑁨
U+11069 ↦ 𑁩
U+1106A ↦ 𑁪
U+1106B ↦ 𑁫
U+1106C ↦ 𑁬
U+1106D ↦ 𑁭
U+1106E ↦ 𑁮
U+1106F ↦ 𑁯
U+1107F ↦ 𑁿
[End of List]

6.2 List of Unicode names

For command `\brtransun {}`.

[Brahmi]
candrabindu ↦ 𑀀
anusvara ↦ 𑀁
visarga ↦ 𑀂
jihvamuliya ↦ 𑀃
upadhmaniya ↦ 𑀄
lettera ↦ 𑀅
letteraa ↦ 𑀆
letteri ↦ 𑀇
letterii ↦ 𑀈
letteru ↦ 𑀉
letteruu ↦ 𑀊
lettervocalicr ↦ 𑀋
lettervocalicrr ↦ 𑀌
lettervocalicl ↦ 𑀍
lettervocalicll ↦

𑀎
lettere ↦ 𑀏
letterai ↦ 𑀐
lettero ↦ 𑀑
letterau ↦ 𑀒
ka ↦ 𑀓
kha ↦ 𑀔
ga ↦ 𑀕
gha ↦ 𑀖
nga ↦ 𑀗
ca ↦ 𑀘
cha ↦ 𑀙
ja ↦ 𑀚
jha ↦ 𑀛
nya ↦ 𑀜
tta ↦ 𑀝
ttha ↦ 𑀞
dda ↦ 𑀟
ddha ↦ 𑀠
nna ↦ 𑀡
ta ↦ 𑀢
tha ↦ 𑀣
da ↦ 𑀤
dha ↦ 𑀥
na ↦ 𑀦
pa ↦ 𑀧
pha ↦ 𑀨
ba ↦ 𑀩
bha ↦ 𑀪
ma ↦ 𑀫
ya ↦ 𑀬
ra ↦ 𑀭
la ↦ 𑀮
va ↦ 𑀯
sha ↦ 𑀰
ssa ↦ 𑀱
sa ↦ 𑀲
ha ↦ 𑀳
lla ↦ 𑀴
oldtamilllla ↦ 𑀵
oldtamilrra ↦ 𑀶
oldtamilnnna ↦ 𑀷
aa ↦ 𑀸
bhattiproluaa ↦ 𑀹
i ↦ 𑀺
ii ↦ 𑀻
u ↦ 𑀼
uu ↦ 𑀽
vocalicr ↦ 𑀾
vocalicrr ↦ 𑀿
vocalicl ↦ 𑁀
vocalicll ↦ 𑁁
e ↦ 𑁂
ai ↦ 𑁃
o ↦ 𑁄
au ↦ 𑁅
virama ↦ 𑁆
danda ↦ 𑁇
doubledanda ↦ 𑁈
dot ↦ 𑁉
doubledot ↦ 𑁊
line ↦ 𑁋
crescentbar ↦ 𑁌
lotus ↦ 𑁍
one ↦ 𑁒
two ↦ 𑁓
three ↦ 𑁔
four ↦ 𑁕
five ↦ 𑁖
six ↦ 𑁗
seven ↦ 𑁘
eight ↦ 𑁙
nine ↦ 𑁚
ten ↦ 𑁛
twenty ↦ 𑁜
thirty ↦ 𑁝
forty ↦ 𑁞
fifty ↦ 𑁟
sixty ↦ 𑁠
seventy ↦ 𑁡
eighty ↦ 𑁢
ninety ↦ 𑁣
onehundred ↦ 𑁤
onethousand ↦ 𑁥
digitzero ↦ 𑁦
digitone ↦ 𑁧
digittwo ↦ 𑁨
digitthree ↦ 𑁩
digitfour ↦ 𑁪
digitfive ↦ 𑁫
digitsix ↦ 𑁬
digitseven ↦ 𑁭
digiteight ↦ 𑁮
digitnine ↦ 𑁯
joiner ↦ 𑁿
[End of List]

6.3 List of Typing Shortcuts

For command `\brtransts {}`.

[Brahmi]
cb ↦ 𑀀
as ↦ 𑀁
vis ↦ 𑀂
jm ↦ 𑀃
upd ↦ 𑀄
la ↦ 𑀅
laa ↦ 𑀆
li ↦ 𑀇
lii ↦ 𑀈
lu ↦ 𑀉
luu ↦ 𑀊
lvr ↦ 𑀋
lvrr ↦ 𑀌
lvl ↦ 𑀍
lvll ↦ 𑀎
le ↦ 𑀏
lai ↦ 𑀐
lo ↦ 𑀑
lau ↦ 𑀒
k ↦ 𑀓
kh ↦ 𑀔
g ↦ 𑀕
gh ↦ 𑀖
ng ↦ 𑀗
c ↦ 𑀘
ch ↦ 𑀙
j ↦ 𑀚
jh ↦ 𑀛
ny ↦ 𑀜
tt ↦ 𑀝
tth ↦ 𑀞
dd ↦ 𑀟
ddh ↦ 𑀠
nn ↦ 𑀡
t ↦ 𑀢
th ↦ 𑀣
d ↦ 𑀤
dh ↦ 𑀥
n ↦ 𑀦
p ↦ 𑀧
ph ↦ 𑀨
b ↦ 𑀩
bh ↦ 𑀪
m ↦ 𑀫
y ↦ 𑀬
r ↦ 𑀭
l ↦ 𑀮
v ↦ 𑀯
sh ↦ 𑀰
ss ↦ 𑀱

s ↦ 𑀲
h ↦ 𑀳
ll ↦ 𑀴
otlll ↦ 𑀵
otrr ↦ 𑀶
otnnn ↦ 𑀷
aa ↦ 𑀸
bhaa ↦ 𑀹
i ↦ 𑀺
ii ↦ 𑀻
u ↦ 𑀼
uu ↦ 𑀽
vr ↦ 𑀾
vrr ↦ 𑀿
vl ↦ 𑁀
vll ↦ 𑁁
e ↦ 𑁂
ai ↦ 𑁃
o ↦ 𑁄
au ↦ 𑁅
vir ↦ 𑁆
dan ↦ 𑁇
ddam ↦ 𑁈
dot ↦ 𑁉
ddot ↦ 𑁊
line ↦ 𑁋
crbar ↦ 𑁌
lotus ↦ 𑁍
1 ↦ 𑁒
2 ↦ 𑁓
3 ↦ 𑁔
4 ↦ 𑁕
5 ↦ 𑁖
6 ↦ 𑁗
7 ↦ 𑁘
8 ↦ 𑁙
9 ↦ 𑁚
10 ↦ 𑁛
20 ↦ 𑁜
30 ↦ 𑁝
40 ↦ 𑁞
50 ↦ 𑁟
60 ↦ 𑁠
70 ↦ 𑁡
80 ↦ 𑁢
90 ↦ 𑁣
100 ↦ 𑁤
1000 ↦ 𑁥
d0 ↦ 𑁦
d1 ↦ 𑁧
d2 ↦ 𑁨
d3 ↦ 𑁩
d4 ↦ 𑁪
d5 ↦ 𑁫
d6 ↦ 𑁬
d7 ↦ 𑁭
d8 ↦ 𑁮
d9 ↦ 𑁯
joiner ↦ 𑁿

[End of List]

7 Carian

7.1 List of Unicode codepoints

For command `\catransuc {}`.

[Carian]
U+102A0 ↦ 𐊠
U+102A1 ↦ 𐊡
U+102A2 ↦ 𐊢
U+102A3 ↦ 𐊣
U+102A4 ↦ 𐊤
U+102A5 ↦ 𐊥
U+102A6 ↦ 𐊦
U+102A7 ↦ 𐊧
U+102A8 ↦ 𐊨
U+102A9 ↦ 𐊩
U+102AA ↦ 𐊪
U+102AB ↦ 𐊫
U+102AC ↦ 𐊬
U+102AD ↦ 𐊭
U+102AE ↦ 𐊮
U+102AF ↦ 𐊯
U+102B0 ↦ 𐊰
U+102B1 ↦ 𐊱
U+102B2 ↦ 𐊲
U+102B3 ↦ 𐊳
U+102B4 ↦ 𐊴
U+102B5 ↦ 𐊵
U+102B6 ↦ 𐊶
U+102B7 ↦ 𐊷
U+102B8 ↦ 𐊸
U+102B9 ↦ 𐊹
U+102BA ↦ 𐊺
U+102BB ↦ 𐊻
U+102BC ↦ 𐊼
U+102BD ↦ 𐊽
U+102BE ↦ 𐊾
U+102BF ↦ 𐊿
U+102C0 ↦ 𐋀
U+102C1 ↦ 𐋁
U+102C2 ↦ 𐋂
U+102C3 ↦ 𐋃
U+102C4 ↦ 𐋄
U+102C5 ↦ 𐋅
U+102C6 ↦ 𐋆
U+102C7 ↦ 𐋇
U+102C8 ↦ 𐋈
U+102C9 ↦ 𐋉
U+102CA ↦ 𐋊
U+102CB ↦ 𐋋
U+102CC ↦ 𐋌
U+102CD ↦ 𐋍
U+102CE ↦ 𐋎
U+102CF ↦ 𐋏
U+102D0 ↦ 𐋐

[End of List]

7.2 List of Unicode names

For command `\catransun {}`.

[Carian]
a ↦ 𐊠
p2 ↦ 𐊡
d ↦ 𐊢
l ↦ 𐊣
uuu ↦ 𐊤
r ↦ 𐊥
ld ↦ 𐊦
a2 ↦ 𐊧
q ↦ 𐊨
b ↦ 𐊩
m ↦ 𐊪

o ↦ 𐊫
d2 ↦ 𐊬
t ↦ 𐊭
sh ↦ 𐊮
sh2 ↦ 𐊯
s ↦ 𐊰
c18 ↦ 𐊱
u ↦ 𐊲
nn ↦ 𐊳
x ↦ 𐊴
n ↦ 𐊵
tt2 ↦ 𐊶
p ↦ 𐊷
ss ↦ 𐊸
i ↦ 𐊹
e ↦ 𐊺
uuuu ↦ 𐊻
k ↦ 𐊼
k2 ↦ 𐊽
nd ↦ 𐊾
uu ↦ 𐊿
g ↦ 𐋀
g2 ↦ 𐋁
st ↦ 𐋂
st2 ↦ 𐋃
ng ↦ 𐋄
ii ↦ 𐋅
c39 ↦ 𐋆
tt ↦ 𐋇
uuu2 ↦ 𐋈
rr ↦ 𐋉
mb ↦ 𐋊
mb2 ↦ 𐋋
mb3 ↦ 𐋌
mb4 ↦ 𐋍
ld2 ↦ 𐋎
e2 ↦ 𐋏
uuu3 ↦ 𐋐

[End of List]

8 Cuneiform

𒂟𒈠𒀭𒁕, ERÍN *ma-an-da*, ‘the Ummān-manda’, ‘troops of the terrain (of the distant eastern zone)’.[2] Mnemonic: ‘the humans of the mountains’, mountain hordes.

Codepoints	`\cutransuc {U+1209FU+12220U+1202DU+12055}`	↦ 𒂟𒈠𒀭𒁕
Names	`\cutransun {erin2maanda}`	↦ 𒂟𒈠𒀭𒁕
Shortcuts	`\cutransts {erin2maanda}`	↦ 𒂟𒈠𒀭𒁕

✍🗐 Transliteration will be complicated. “A transliterated document … presents the reading preferred by the transliterating scholar as well as an opportunity to reconstruct the original text.”[3] For example,with 𒀭, AN, DINGIR, superscript ^{d}, *an*, *il* (amongst others) are available, because[4]:

Function	**Sumerian**	**Akkadian**	**Hittite**
picture	star 𒀭	𒀭	
idea	*an*, ‘sky, heaven’		
word	*diĝir*, ‘god, goddess’	*ilum*, *il-*	
word		*šamû*, ‘sky’	
preposition		“at”, “to”	
name	*An*, supreme deity		
syllable	/an/	/an/, /il/	/an/
determinative	religious, divine		

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[2] Transliteration and proposed translation: Selim F Adalı (2009). ‘Ummān-manda and its Significance in the First Millennium B.C.’. PhD thesis. University of Sydney. URL: https://ses.library.usyd.edu.au/bitstream/handle/2123/4890/sf-adali-2009-thesis.pdf.

[3] *Cuneiform transliteration* (n.d.). URL: https://sumer.fandom.com/wiki/Cuneiform_transliteration

[4] Following *Dingir* (n.d.). Wikipedia. URL: https://en.wikipedia.org/wiki/Dingir

8.1 List of Unicode codepoints

For command `\cutransuc {}`.

[Cuneiform]

U+12000 ↦ 𒀀
U+12001 ↦ 𒀁
U+12002 ↦ 𒀂
U+12003 ↦ 𒀃
U+12004 ↦ 𒀄
U+12005 ↦ 𒀅
U+12006 ↦ 𒀆
U+12007 ↦ 𒀇
U+12008 ↦ 𒀈
U+12009 ↦ 𒀉
U+1200A ↦ 𒀊
U+1200B ↦ 𒀋
U+1200C ↦ 𒀌
U+1200D ↦ 𒀍
U+1200E ↦ 𒀎
U+1200F ↦ 𒀏
U+12010 ↦ 𒀐
U+12011 ↦ 𒀑
U+12012 ↦ 𒀒
U+12013 ↦ 𒀓
U+12014 ↦ 𒀔
U+12015 ↦ 𒀕
U+12016 ↦ 𒀖
U+12017 ↦ 𒀗
U+12018 ↦ 𒀘
U+12019 ↦ 𒀙
U+1201A ↦ 𒀚
U+1201B ↦ 𒀛
U+1201C ↦ 𒀜
U+1201D ↦ 𒀝
U+1201E ↦ 𒀞
U+1201F ↦ 𒀟
U+12020 ↦ 𒀠
U+12021 ↦ 𒀡
U+12022 ↦ 𒀢
U+12023 ↦ 𒀣
U+12024 ↦ 𒀤
U+12025 ↦ 𒀥
U+12026 ↦ 𒀦
U+12027 ↦ 𒀧
U+12028 ↦ 𒀨
U+12029 ↦ 𒀩
U+1202A ↦ 𒀪
U+1202B ↦ 𒀫
U+1202C ↦ 𒀬
U+1202D ↦ 𒀭
U+1202E ↦ 𒀮
U+1202F ↦ 𒀯
U+12030 ↦ 𒀰
U+12031 ↦ 𒀱
U+12032 ↦ 𒀲
U+12033 ↦ 𒀳
U+12034 ↦ 𒀴
U+12035 ↦ 𒀵
U+12036 ↦ 𒀶
U+12037 ↦ 𒀷
U+12038 ↦ 𒀸
U+12039 ↦ 𒀹
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U+12041 ↦ 𒁁
U+12042 ↦ 𒁂
U+12043 ↦ 𒁃
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U+12046 ↦ 𒁆
U+12047 ↦ 𒁇
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U+12067 ↦ 𒁧
U+12068 ↦ 𒁨

U+12069 ↦ 𒁩
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U+12072 ↦ 𒁲
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U+12297 ↦ 𒊗
U+12298 ↦ 𒊘
U+12299 ↦ 𒊙
U+1229A ↦ 𒊚
U+1229B ↦ 𒊛
U+1229C ↦ 𒊜
U+1229D ↦ 𒊝
U+1229E ↦ 𒊞
U+1229F ↦ 𒊟
U+122A0 ↦ 𒊠
U+122A1 ↦ 𒊡
U+122A2 ↦ 𒊢
U+122A3 ↦ 𒊣
U+122A4 ↦ 𒊤
U+122A5 ↦ 𒊥
U+122A6 ↦ 𒊦

U+122A7 ↦ 𒊧
U+122A8 ↦ 𒊨
U+122A9 ↦ 𒊩
U+122AA ↦ 𒊪
U+122AB ↦ 𒊫
U+122AC ↦ 𒊬
U+122AD ↦ 𒊭
U+122AE ↦ 𒊮
U+122AF ↦ 𒊯
U+122B0 ↦ 𒊰
U+122B1 ↦ 𒊱
U+122B2 ↦ 𒊲
U+122B3 ↦ 𒊳
U+122B4 ↦ 𒊴
U+122B5 ↦ 𒊵
U+122B6 ↦ 𒊶
U+122B7 ↦ 𒊷
U+122B8 ↦ 𒊸
U+122B9 ↦ 𒊹
U+122BA ↦ 𒊺
U+122BB ↦ 𒊻
U+122BC ↦ 𒊼
U+122BD ↦ 𒊽
U+122BE ↦ 𒊾
U+122BF ↦ 𒊿
U+122C0 ↦ 𒋀
U+122C1 ↦ 𒋁
U+122C2 ↦ 𒋂
U+122C3 ↦ 𒋃
U+122C4 ↦ 𒋄
U+122C5 ↦ 𒋅
U+122C6 ↦ 𒋆
U+122C7 ↦ 𒋇
U+122C8 ↦ 𒋈
U+122C9 ↦ 𒋉
U+122CA ↦ 𒋊
U+122CB ↦ 𒋋
U+122CC ↦ 𒋌
U+122CD ↦ 𒋍
U+122CE ↦ 𒋎
U+122CF ↦ 𒋏
U+122D0 ↦ 𒋐
U+122D1 ↦ 𒋑
U+122D2 ↦ 𒋒
U+122D3 ↦ 𒋓
U+122D4 ↦ 𒋔
U+122D5 ↦ 𒋕
U+122D6 ↦ 𒋖
U+122D7 ↦ 𒋗
U+122D8 ↦ 𒋘
U+122D9 ↦ 𒋙
U+122DA ↦ 𒋚
U+122DB ↦ 𒋛
U+122DC ↦ 𒋜
U+122DD ↦ 𒋝
U+122DE ↦ 𒋞
U+122DF ↦ 𒋟
U+122E0 ↦ 𒋠
U+122E1 ↦ 𒋡
U+122E2 ↦ 𒋢
U+122E3 ↦ 𒋣
U+122E4 ↦ 𒋤
U+122E5 ↦ 𒋥
U+122E6 ↦ 𒋦
U+122E7 ↦ 𒋧
U+122E8 ↦ 𒋨
U+122E9 ↦ 𒋩
U+122EA ↦ 𒋪
U+122EB ↦ 𒋫
U+122EC ↦ 𒋬
U+122ED ↦ 𒋭
U+122EE ↦ 𒋮
U+122EF ↦ 𒋯
U+122F0 ↦ 𒋰
U+122F1 ↦ 𒋱
U+122F2 ↦ 𒋲
U+122F3 ↦ 𒋳
U+122F4 ↦ 𒋴
U+122F5 ↦ 𒋵
U+122F6 ↦ 𒋶
U+122F7 ↦ 𒋷
U+122F8 ↦ 𒋸
U+122F9 ↦ 𒋹
U+122FA ↦ 𒋺
U+122FB ↦ 𒋻
U+122FC ↦ 𒋼
U+122FD ↦ 𒋽
U+122FE ↦ 𒋾
U+122FF ↦ 𒋿
U+12300 ↦ 𒌀
U+12301 ↦ 𒌁
U+12302 ↦ 𒌂
U+12303 ↦ 𒌃
U+12304 ↦ 𒌄
U+12305 ↦ 𒌅
U+12306 ↦ 𒌆
U+12307 ↦ 𒌇
U+12308 ↦ 𒌈
U+12309 ↦ 𒌉
U+1230A ↦ 𒌊
U+1230B ↦ 𒌋
U+1230C ↦ 𒌌
U+1230D ↦ 𒌍
U+1230E ↦ 𒌎
U+1230F ↦ 𒌏
U+12310 ↦ 𒌐
U+12311 ↦ 𒌑
U+12312 ↦ 𒌒

U+12313 ↦ 𒌓
U+12314 ↦ 𒌔
U+12315 ↦ 𒌕
U+12316 ↦ 𒌖
U+12317 ↦ 𒌗
U+12318 ↦ 𒌘
U+12319 ↦ 𒌙
U+1231A ↦ 𒌚
U+1231B ↦ 𒌛
U+1231C ↦ 𒌜
U+1231D ↦ 𒌝
U+1231E ↦ 𒌞
U+1231F ↦ 𒌟
U+12320 ↦ 𒌠
U+12321 ↦ 𒌡
U+12322 ↦ 𒌢
U+12323 ↦ 𒌣
U+12324 ↦ 𒌤
U+12325 ↦ 𒌥
U+12326 ↦ 𒌦
U+12327 ↦ 𒌧
U+12328 ↦ 𒌨
U+12329 ↦ 𒌩
U+1232A ↦ 𒌪
U+1232B ↦ 𒌫
U+1232C ↦ 𒌬
U+1232D ↦ 𒌭
U+1232E ↦ 𒌮
U+1232F ↦ 𒌯
U+12330 ↦ 𒌰
U+12331 ↦ 𒌱
U+12332 ↦ 𒌲
U+12333 ↦ 𒌳
U+12334 ↦ 𒌴
U+12335 ↦ 𒌵
U+12336 ↦ 𒌶
U+12337 ↦ 𒌷
U+12338 ↦ 𒌸
U+12339 ↦ 𒌹
U+1233A ↦ 𒌺
U+1233B ↦ 𒌻
U+1233C ↦ 𒌼
U+1233D ↦ 𒌽
U+1233E ↦ 𒌾
U+1233F ↦ 𒌿
U+12340 ↦ 𒍀
U+12341 ↦ 𒍁
U+12342 ↦ 𒍂
U+12343 ↦ 𒍃
U+12344 ↦ 𒍄
U+12345 ↦ 𒍅
U+12346 ↦ 𒍆
U+12347 ↦ 𒍇
U+12348 ↦ 𒍈
U+12349 ↦ 𒍉
U+1234A ↦ 𒍊
U+1234B ↦ 𒍋
U+1234C ↦ 𒍌
U+1234D ↦ 𒍍
U+1234E ↦ 𒍎
U+1234F ↦ 𒍏
U+12350 ↦ 𒍐
U+12351 ↦ 𒍑
U+12352 ↦ 𒍒
U+12353 ↦ 𒍓
U+12354 ↦ 𒍔
U+12355 ↦ 𒍕
U+12356 ↦ 𒍖
U+12357 ↦ 𒍗
U+12358 ↦ 𒍘
U+12359 ↦ 𒍙
U+1235A ↦ 𒍚
U+1235B ↦ 𒍛
U+1235C ↦ 𒍜
U+1235D ↦ 𒍝
U+1235E ↦ 𒍞
U+1235F ↦ 𒍟
U+12360 ↦ 𒍠
U+12361 ↦ 𒍡
U+12362 ↦ 𒍢
U+12363 ↦ 𒍣
U+12364 ↦ 𒍤
U+12365 ↦ 𒍥
U+12366 ↦ 𒍦
U+12367 ↦ 𒍧
U+12368 ↦ 𒍨
U+12369 ↦ 𒍩
U+1236A ↦ 𒍪
U+1236B ↦ 𒍫
U+1236C ↦ 𒍬
U+1236D ↦ 𒍭
U+1236E ↦ 𒍮
U+1236F ↦ 𒍯
U+12370 ↦ 𒍰
U+12371 ↦ 𒍱
U+12372 ↦ 𒍲
U+12373 ↦ 𒍳
U+12374 ↦ 𒍴
U+12375 ↦ 𒍵
U+12376 ↦ 𒍶
U+12377 ↦ 𒍷
U+12378 ↦ 𒍸
U+12379 ↦ 𒍹
U+1237A ↦ 𒍺
U+1237B ↦ 𒍻
U+1237C ↦ 𒍼
U+1237D ↦ 𒍽
U+1237E ↦ 𒍾
U+1237F ↦ 𒍿
U+12380 ↦ 𒎀
U+12381 ↦ 𒎁
U+12382 ↦ 𒎂
U+12383 ↦ 𒎃

U+12384 ↦ 𒎄
U+12385 ↦ 𒎅
U+12386 ↦ 𒎆
U+12387 ↦ 𒎇
U+12388 ↦ 𒎈
U+12389 ↦ 𒎉
U+1238A ↦ 𒎊
U+1238B ↦ 𒎋
U+1238C ↦ 𒎌
U+1238D ↦ 𒎍
U+1238E ↦ 𒎎
U+1238F ↦ 𒎏
U+12390 ↦ 𒎐
U+12391 ↦ 𒎑
U+12392 ↦ 𒎒
U+12393 ↦ 𒎓
U+12394 ↦ 𒎔
U+12395 ↦ 𒎕
U+12396 ↦ 𒎖
U+12397 ↦ 𒎗
U+12398 ↦ 𒎘
U+12399 ↦ 𒎙
[End of List]

8.2 List of Unicode names

For command `\cutransun {}`.

[Cuneiform]
a ↦ 𒀀
atimesa ↦ 𒀁
atimesbad ↦ 𒀂
atimesgan2tenu ↦ 𒀃
atimesha ↦ 𒀄
atimesigi ↦ 𒀅
atimeslagargunu ↦ 𒀆
atimesmush ↦ 𒀇
atimessag ↦ 𒀈
a2 ↦ 𒀉
ab ↦ 𒀊
abtimesash2 ↦ 𒀋
abtimesdun3gunu ↦ 𒀌
abtimesgal ↦ 𒀍
abtimesgan2tenu ↦ 𒀎
abtimesha ↦ 𒀏
abtimesigigunu ↦ 𒀐
abtimesimin ↦ 𒀑
abtimeslagab ↦ 𒀒
abtimesshesh ↦ 𒀓
abtimesuplusuplusu ↦ 𒀔
abgunu ↦ 𒀕
ab2 ↦ 𒀖
ab2timesbalag ↦ 𒀗
ab2timesgan2tenu ↦ 𒀘
ab2timesmeplusen ↦ 𒀙
ab2timessha3 ↦ 𒀚
ab2timestak4 ↦ 𒀛
ad ↦ 𒀜
ak ↦ 𒀝
aktimeserin2 ↦ 𒀞
aktimesshitaplusgish ↦ 𒀟
al ↦ 𒀠
altimesal ↦ 𒀡
altimesdim2 ↦ 𒀢
altimesgish ↦ 𒀣
altimesha ↦ 𒀤
altimeskad3 ↦ 𒀥
altimeski ↦ 𒀦
altimesshe ↦ 𒀧
altimesush ↦ 𒀨
alan ↦ 𒀩
aleph ↦ 𒀪
amar ↦ 𒀫
amartimesshe ↦ 𒀬
an ↦ 𒀭
anoveran ↦ 𒀮
anthreetimes ↦ 𒀯
anplusnagaopposinganplusnaga ↦ 𒀰

anplusnagasquared ↦ 𒀱
anshe ↦ 𒀲
apin ↦ 𒀳
arad ↦ 𒀴
aradtimeskur ↦ 𒀵
arkab ↦ 𒀶
asal2 ↦ 𒀷
ash ↦ 𒀸
ashzidatenu ↦ 𒀹
ashkabatenu ↦ 𒀺
ashoverashtug2overtug2tug2overtug2pap ↦ 𒀻
ashoverashoverash ↦ 𒀼
ashoverashoverashcrossingashoverashoverash ↦ 𒀽
ash2 ↦ 𒀾
ashgab ↦ 𒀿
ba ↦ 𒁀
bad ↦ 𒁁
bag3 ↦ 𒁂
bahar2 ↦ 𒁃
bal ↦ 𒁄
baloverbal ↦ 𒁅
balag ↦ 𒁆
bar ↦ 𒁇
bara2 ↦ 𒁈
bi ↦ 𒁉
bitimesa ↦ 𒁊
bitimesgar ↦ 𒁋
bitimesigigunu ↦ 𒁌
bu ↦ 𒁍
buoverbuab ↦ 𒁎
buoverbuun ↦ 𒁏
bucrossingbu ↦ 𒁐
bulug ↦ 𒁑
bulugoverbulug ↦ 𒁒
bur ↦ 𒁓
bur2 ↦ 𒁔
da ↦ 𒁕
dag ↦ 𒁖
dagkisim5timesaplusmash ↦ 𒁗
dagkisim5timesamar ↦ 𒁘
dagkisim5timesbalag ↦ 𒁙
dagkisim5timesbi ↦ 𒁚
dagkisim5timesga ↦ 𒁛
dagkisim5timesgaplusmash ↦ 𒁜
dagkisim5timesgi ↦ 𒁝
dagkisim5timesgir2 ↦ 𒁞
dagkisim5timesgud ↦ 𒁟
dagkisim5timesha ↦ 𒁠
dagkisim5timesir ↦ 𒁡
dagkisim5timesirpluslu ↦ 𒁢
dagkisim5timeskak ↦ 𒁣
dagkisim5timesla ↦ 𒁤
dagkisim5timeslu ↦ 𒁥
dagkisim5timesluplusmash2 ↦ 𒁦
dagkisim5timeslum ↦ 𒁧
dagkisim5timesne ↦ 𒁨
dagkisim5timespappluspap ↦ 𒁩
dagkisim5timessi ↦ 𒁪
dagkisim5timestak4 ↦ 𒁫
dagkisim5timesu2plusgir2 ↦ 𒁬
dagkisim5timesush ↦ 𒁭
dam ↦ 𒁮
dar ↦ 𒁯

dara3 ↦ 𒁰
dara4 ↦ 𒁱
di ↦ 𒁲
dib ↦ 𒁳
dim ↦ 𒁴
dimtimesshe ↦ 𒁵
dim2 ↦ 𒁶
din ↦ 𒁷
dinkaskalugunudish ↦ 𒁸
dish ↦ 𒁹
du ↦ 𒁺
duoverdu ↦ 𒁻
dugunu ↦ 𒁼
dusheshig ↦ 𒁽
dub ↦ 𒁾
dubtimesesh2 ↦ 𒁿
dub2 ↦ 𒂀
dug ↦ 𒂁
dugud ↦ 𒂂
duh ↦ 𒂃
dun ↦ 𒂄
dun3 ↦ 𒂅
dun3gunu ↦ 𒂆
dun3gunugunu ↦ 𒂇
dun4 ↦ 𒂈
dur2 ↦ 𒂉
e ↦ 𒂊
etimespap ↦ 𒂋
eoverenunovernun ↦ 𒂌
e2 ↦ 𒂍
e2timesaplushaplusda ↦ 𒂎
e2timesgar ↦ 𒂏
e2timesmi ↦ 𒂐
e2timessal ↦ 𒂑
e2timesshe ↦ 𒂒
e2timesu ↦ 𒂓
edin ↦ 𒂔
egir ↦ 𒂕
el ↦ 𒂖
en ↦ 𒂗
entimesgan2 ↦ 𒂘
entimesgan2tenu ↦ 𒂙
entimesme ↦ 𒂚
encrossingen ↦ 𒂛
enopposingen ↦ 𒂜
ensquared ↦ 𒂝
eren ↦ 𒂞
erin2 ↦ 𒂟
esh2 ↦ 𒂠
ezen ↦ 𒂡
ezentimesa ↦ 𒂢
ezentimesapluslal ↦ 𒂣
ezentimesapluslaltimeslal ↦ 𒂤
ezentimesan ↦ 𒂥
ezentimesbad ↦ 𒂦
ezentimesdun3gunu ↦ 𒂧
ezentimesdun3gunugunu ↦ 𒂨
ezentimesha ↦ 𒂩
ezentimeshagunu ↦ 𒂪
ezentimesigigunu ↦ 𒂫
ezentimeskaskal ↦ 𒂬
ezentimeskaskalsquared ↦ 𒂭
ezentimesku3 ↦ 𒂮
ezentimesla ↦ 𒂯
ezentimeslaltimeslal ↦ 𒂰
ezentimesli ↦ 𒂱
ezentimeslu ↦ 𒂲
ezentimesu2 ↦ 𒂳

ezentimesud ↦ 𒂮

ga ↦ 𒂯

gagunu ↦ 𒂰

ga2 ↦ 𒂱

ga2timesaplusdaplusha ↦ 𒂲

ga2timesaplusha ↦ 𒂳

ga2timesaplusigi ↦ 𒂴

ga2timesab2tenuplustab ↦ 𒂵

ga2timesan ↦ 𒂶

ga2timesash ↦ 𒂷

ga2timesash2plusgal ↦ 𒂸

ga2timesbad ↦ 𒂹

ga2timesbarplusra ↦ 𒂺

ga2timesbur ↦ 𒂻

ga2timesburplusra ↦ 𒂼

ga2timesda ↦ 𒂽

ga2timesdi ↦ 𒂾

ga2timesdimtimesshe ↦ 𒂿

ga2timesdub ↦ 𒃀

ga2timesel ↦ 𒃁

ga2timeselplusla ↦ 𒃂

ga2timesen ↦ 𒃃

ga2timesentimesgan2tenu ↦ 𒃄

ga2timesgan2tenu ↦ 𒃅

ga2timesgar ↦ 𒃆

ga2timesgi ↦ 𒃇

ga2timesgi4 ↦ 𒃈

ga2timesgi4plusa ↦ 𒃉

ga2timesgir2plussu ↦ 𒃊

ga2timeshapluslupluse sh2 ↦ 𒃋

ga2timeshal ↦ 𒃌

ga2timeshalplusla ↦ 𒃍

ga2timeshiplusli ↦ 𒃎

ga2timeshub2 ↦ 𒃏

ga2timesigigunu ↦ 𒃐

ga2timesishplushuplusash ↦ 𒃑

ga2timeskak ↦ 𒃒

ga2timeskaskal ↦ 𒃓

ga2timeskid ↦ 𒃔

ga2timeskidpluslal ↦ 𒃕

ga2timesku3plusan ↦ 𒃖

ga2timesla ↦ 𒃗

ga2timesmeplusen ↦ 𒃘

ga2timesmi ↦ 𒃙

ga2timesnun ↦ 𒃚

ga2timesnunovernun ↦ 𒃛

ga2timespa ↦ 𒃜

ga2timessal ↦ 𒃝

ga2timessar ↦ 𒃞

ga2timesshe ↦ 𒃟

ga2timessheplustur ↦ 𒃠

ga2timesshid ↦ 𒃡

ga2timessum ↦ 𒃢

ga2timestak4 ↦ 𒃣

ga2timesu ↦ 𒃤

ga2timesud ↦ 𒃥

ga2timesudplusdu ↦ 𒃦

ga2overga2 ↦ 𒃧

gaba ↦ 𒃨

gabacrossinggaba ↦ 𒃩

gad ↦ 𒃪

gadovergadgarovergar ↦ 𒃫

gal ↦ 𒃬

galgadovergadgarovergar ↦ 𒂊
galam ↦ 𒂋
gam ↦ 𒂌
gan ↦ 𒂍
gan2 ↦ 𒂎
gan2tenu ↦ 𒂏
gan2overgan2 ↦ 𒂐
gan2crossinggan2 ↦ 𒂑
gar ↦ 𒂒
gar3 ↦ 𒂓
gashan ↦ 𒂔
geshtin ↦ 𒂕
geshtintimeskur ↦ 𒂖
gi ↦ 𒂗
gitimese ↦ 𒂘
gitimesu ↦ 𒂙
gicrossinggi ↦ 𒂚
gi4 ↦ 𒂛
gi4overgi4 ↦ 𒂜
gi4crossinggi4 ↦ 𒂝
gidim ↦ 𒂞
gir2 ↦ 𒂟
gir2gunu ↦ 𒂠
gir3 ↦ 𒂡
gir3timesaplusigi ↦ 𒂢
gir3timesgan2tenu ↦ 𒂣
gir3timesigi ↦ 𒂤
gir3timesluplusigi ↦ 𒂥
gir3timespa ↦ 𒂦
gisal ↦ 𒂧
gish ↦ 𒂨
gishcrossinggish ↦ 𒂩
gishtimesbad ↦ 𒂪
gishtimestak4 ↦ 𒂫
gishtenu ↦ 𒂬
gu ↦ 𒂭
gucrossinggu ↦ 𒂮
gu2 ↦ 𒂯
gu2timeskak ↦ 𒂰
gu2timeskaktimesigigunu ↦ 𒂱
gu2timesnun ↦ 𒂲
gu2timessalplustug2 ↦ 𒂳
gu2gunu ↦ 𒂴
gud ↦ 𒂵
gudtimesapluskur ↦ 𒂶
gudtimeskur ↦ 𒂷
gudovergudlugal ↦ 𒂸
gul ↦ 𒂹
gum ↦ 𒂺
gumtimesshe ↦ 𒂻
gur ↦ 𒂼
gur7 ↦ 𒂽
gurun ↦ 𒂾
gurush ↦ 𒂿
ha ↦ 𒃀
hatenu ↦ 𒃁
hagunu ↦ 𒃂
hal ↦ 𒃃
hi ↦ 𒃄
hitimesash ↦ 𒃅
hitimesash2 ↦ 𒃆
hitimesbad ↦ 𒃇
hitimesdish ↦ 𒃈

hitimesgad ↦ 𒄲
hitimeskin ↦ 𒄳
hitimesnun ↦ 𒄴
hitimesshe ↦ 𒄵
hitimesu ↦ 𒄶
hu ↦ 𒄷
hub2 ↦ 𒄸
hub2timesan ↦ 𒄹
hub2timeshal ↦ 𒄺
hub2timeskaskal ↦ 𒄻
hub2timeslish ↦ 𒄼
hub2timesud ↦ 𒄽
hul2 ↦ 𒄾
i ↦ 𒄿
ia ↦ 𒅀
ib ↦ 𒅁
idim ↦ 𒅂
idimoveridimbur ↦ 𒅃
idimoveridimsquared ↦ 𒅄
ig ↦ 𒅅
igi ↦ 𒅆
igidib ↦ 𒅇
igiri ↦ 𒅈
igioverigishirovershirudoverud ↦ 𒅉
igigunu ↦ 𒅊
il ↦ 𒅋
iltimesgan2tenu ↦ 𒅌
il2 ↦ 𒅍
im ↦ 𒅎
imtimestak4 ↦ 𒅏
imcrossingim ↦ 𒅐
imopposingim ↦ 𒅑
imsquared ↦ 𒅒
imin ↦ 𒅓
in ↦ 𒅔
ir ↦ 𒅕
ish ↦ 𒅖
ka ↦ 𒅗
katimesa ↦ 𒅘
katimesad ↦ 𒅙
katimesadplusku3 ↦ 𒅚
katimesash2 ↦ 𒅛
katimesbad ↦ 𒅜
katimesbalag ↦ 𒅝
katimesbar ↦ 𒅞
katimesbi ↦ 𒅟
katimeserin2 ↦ 𒅠
katimesesh2 ↦ 𒅡
katimesga ↦ 𒅢
katimesgal ↦ 𒅣
katimesgan2tenu ↦ 𒅤
katimesgar ↦ 𒅥
katimesgarplussha3plusa ↦ 𒅦
katimesgi ↦ 𒅧
katimesgir2 ↦ 𒅨
katimesgishplussar ↦ 𒅩
katimesgishcrossinggish ↦ 𒅪
katimesgu ↦ 𒅫
katimesgur7 ↦ 𒅬
katimesigi ↦ 𒅭
katimesim ↦ 𒅮
katimeskak ↦ 𒅯
katimeski ↦ 𒅰
katimeskid ↦ 𒅱
katimesli ↦ 𒅲
katimeslu ↦ 𒅳
katimesme ↦ 𒅴
katimesmeplusdu ↦ 𒅵
katimesmeplusgi ↦ 𒅶
katimesmepluste ↦ 𒅷

katimesmi ↦ 𒅸
katimesmiplusnunuz ↦ 𒅹
katimesne ↦ 𒅺
katimesnun ↦ 𒅻
katimespi ↦ 𒅼
katimesru ↦ 𒅽
katimessa ↦ 𒅾
katimessar ↦ 𒅿
katimessha ↦ 𒆀
katimesshe ↦ 𒆁
katimesshid ↦ 𒆂
katimesshu ↦ 𒆃
katimessig ↦ 𒆄
katimessuhur ↦ 𒆅
katimestar ↦ 𒆆
katimesu ↦ 𒆇
katimesu2 ↦ 𒆈
katimesud ↦ 𒆉
katimesumumtimespa ↦ 𒆊
katimesush ↦ 𒆋
katimeszi ↦ 𒆌
ka2 ↦ 𒆍
ka2crossingka2 ↦ 𒆎
kab ↦ 𒆏
kad2 ↦ 𒆐
kad3 ↦ 𒆑
kad4 ↦ 𒆒
kad5 ↦ 𒆓
kad5overkad5 ↦ 𒆔
kak ↦ 𒆕
kaktimesigigunu ↦ 𒆖
kal ↦ 𒆗
kaltimesbad ↦ 𒆘
kalcrossingkal ↦ 𒆙
kam2 ↦ 𒆚
kam4 ↦ 𒆛
kaskal ↦ 𒆜
kaskallagabtimesuoverlagabtimesu ↦ 𒆝
kaskaloverkaskallagabtimesuoverlagabtimesu ↦ 𒆞
kesh2 ↦ 𒆟
ki ↦ 𒆠
kitimesbad ↦ 𒆡
kitimesu ↦ 𒆢
kitimesud ↦ 𒆣
kid ↦ 𒆤
kin ↦ 𒆥
kisal ↦ 𒆦
kish ↦ 𒆧
kisim5 ↦ 𒆨
kisim5overkisim5 ↦ 𒆩
ku ↦ 𒆪
kuoverhitimesash2kuoverhitimesash2 ↦ 𒆫
ku3 ↦ 𒆬
ku4 ↦ 𒆭
ku4variantform ↦ 𒆮
ku7 ↦ 𒆯
kul ↦ 𒆰
kulgunu ↦ 𒆱
kun ↦ 𒆲
kur ↦ 𒆳
kuropposingkur ↦ 𒆴
kushu2 ↦ 𒆵
kwu318 ↦ 𒆶
la ↦ 𒆷
lagab ↦ 𒆸
lagabtimesa ↦ 𒆹
lagabtimesaplusdaplusha ↦ 𒆺
lagabtimesaplusgar ↦ 𒆻
lagabtimesaplusla ↦ 𒆼

lagabtimesal ↦ 𒆽
lagabtimesan ↦ 𒆾
lagabtimesashzidatenu ↦ 𒆿
lagabtimesbad ↦ 𒇀
lagabtimesbi ↦ 𒇁
lagabtimesdar ↦ 𒇂
lagabtimesen ↦ 𒇃
lagabtimesga ↦ 𒇄
lagabtimesgar ↦ 𒇅
lagabtimesgud ↦ 𒇆
lagabtimesgudplusgud ↦ 𒇇
lagabtimesha ↦ 𒇈
lagabtimeshal ↦ 𒇉
lagabtimeshitimesnun ↦ 𒇊
lagabtimesigigunu ↦ 𒇋
lagabtimesim ↦ 𒇌
lagabtimesimplusha ↦ 𒇍
lagabtimesimpluslu ↦ 𒇎
lagabtimeski ↦ 𒇏
lagabtimeskin ↦ 𒇐
lagabtimesku3 ↦ 𒇑
lagabtimeskul ↦ 𒇒
lagabtimeskulplushiplusa ↦ 𒇓
lagabtimeslagab ↦ 𒇔
lagabtimeslish ↦ 𒇕
lagabtimeslu ↦ 𒇖
lagabtimeslul ↦ 𒇗
lagabtimesme ↦ 𒇘
lagabtimesmeplusen ↦ 𒇙
lagabtimesmush ↦ 𒇚
lagabtimesne ↦ 𒇛
lagabtimessheplussum ↦ 𒇜
lagabtimesshitaplusgishpluserin2 ↦ 𒇝
lagabtimesshitaplusgishtenu ↦ 𒇞
lagabtimesshu2 ↦ 𒇟
lagabtimesshu2plusshu2 ↦ 𒇠
lagabtimessum ↦ 𒇡
lagabtimestag ↦ 𒇢
lagabtimestak4 ↦ 𒇣
lagabtimesteplusaplussuplusna ↦ 𒇤
lagabtimesu ↦ 𒇥
lagabtimesuplusa ↦ 𒇦
lagabtimesuplusuplusu ↦ 𒇧
lagabtimesu2plusash ↦ 𒇨
lagabtimesud ↦ 𒇩
lagabtimesush ↦ 𒇪
lagabsquared ↦ 𒇫
lagar ↦ 𒇬
lagartimesshe ↦ 𒇭
lagartimessheplussum ↦ 𒇮
lagargunu ↦ 𒇯
lagargunuoverlagargunushe ↦ 𒇰
lahshu ↦ 𒇱
lal ↦ 𒇲
laltimeslal ↦ 𒇳
lam ↦ 𒇴
lamtimeskur ↦ 𒇵
lamtimeskurplusru ↦ 𒇶
li ↦ 𒇷
lil ↦ 𒇸
limmu2 ↦ 𒇹
lish ↦ 𒇺
lu ↦ 𒇻
lutimesbad ↦ 𒇼
lu2 ↦ 𒇽
lu2timesal ↦ 𒇾
lu2timesbad ↦ 𒇿
lu2timesesh2 ↦ 𒈀
lu2timesesh2tenu ↦ 𒈁
lu2timesgan2tenu ↦ 𒈂
lu2timeshitimesbad ↦ 𒈃
lu2timesim ↦ 𒈄
lu2timeskad2 ↦ 𒈅

lu2timeskad3 ↦ 𒈆
lu2timeskad3plusash ↦ 𒈇
lu2timeski ↦ 𒈈
lu2timeslaplusash ↦ 𒈉
lu2timeslagab ↦ 𒈊
lu2timesmeplusen ↦ 𒈋
lu2timesne ↦ 𒈌
lu2timesnu ↦ 𒈍
lu2timessiplusash ↦ 𒈎
lu2timessik2plusbu ↦ 𒈏
lu2timestug2 ↦ 𒈐
lu2tenu ↦ 𒈑
lu2crossinglu2 ↦ 𒈒
lu2opposinglu2 ↦ 𒈓
lu2squared ↦ 𒈔
lu2sheshig ↦ 𒈕
lu3 ↦ 𒈖
lugal ↦ 𒈗
lugaloverlugal ↦ 𒈘
lugalopposinglugal ↦ 𒈙
lugalsheshig ↦ 𒈚
luh ↦ 𒈛
lul ↦ 𒈜
lum ↦ 𒈝
lumoverlum ↦ 𒈞
lumoverlumgarovergar ↦ 𒈟
ma ↦ 𒈠
matimestak4 ↦ 𒈡
magunu ↦ 𒈢
ma2 ↦ 𒈣
mah ↦ 𒈤
mar ↦ 𒈥
mash ↦ 𒈦
mash2 ↦ 𒈧
me ↦ 𒈨
mes ↦ 𒈩
mi ↦ 𒈪
min ↦ 𒈫
mu ↦ 𒈬
muovermu ↦ 𒈭
mug ↦ 𒈮
muggunu ↦ 𒈯
munsub ↦ 𒈰
murgu2 ↦ 𒈱
mush ↦ 𒈲
mushtimesa ↦ 𒈳
mushtimeskur ↦ 𒈴
mushtimesza ↦ 𒈵
mushovermush ↦ 𒈶
mushovermushtimesaplusna ↦ 𒈷
mushcrossingmush ↦ 𒈸
mush3 ↦ 𒈹
mush3timesa ↦ 𒈺
mush3timesaplusdi ↦ 𒈻
mush3timesdi ↦ 𒈼
mush3gunu ↦ 𒈽
na ↦ 𒈾
na2 ↦ 𒈿
naga ↦ 𒉀
nagainverted ↦ 𒉁
nagatimesshutenu ↦ 𒉂
nagaopposingnaga ↦ 𒉃
nagar ↦ 𒉄
namnutillu ↦ 𒉅
nam ↦ 𒉆
nam2 ↦ 𒉇
ne ↦ 𒉈
netimesa ↦ 𒉉
netimesud ↦ 𒉊
nesheshig ↦ 𒉋

ni ↦ 𒉌
nitimese ↦ 𒉍
ni2 ↦ 𒉎
nim ↦ 𒉏
nimtimesgan2tenu ↦ 𒉐
nimtimesgarplusgan2tenu ↦ 𒉑
ninda2 ↦ 𒉒
ninda2timesan ↦ 𒉓
ninda2timesash ↦ 𒉔
ninda2timesashplusash ↦ 𒉕
ninda2timesgud ↦ 𒉖
ninda2timesmeplusgan2tenu ↦ 𒉗
ninda2timesne ↦ 𒉘
ninda2timesnun ↦ 𒉙
ninda2timesshe ↦ 𒉚
ninda2timessheplusaan ↦ 𒉛
ninda2timessheplusash ↦ 𒉜
ninda2timessheplusashplusash ↦ 𒉝
ninda2timesu2plusash ↦ 𒉞
ninda2timesush ↦ 𒉟
nisag ↦ 𒉠
nu ↦ 𒉡
nu11 ↦ 𒉢
nun ↦ 𒉣
nunlagartimesgar ↦ 𒉤
nunlagartimesmash ↦ 𒉥
nunlagartimessal ↦ 𒉦
nunlagartimessalovernunlagartimessal ↦ 𒉧
nunlagartimesush ↦ 𒉨
nuntenu ↦ 𒉩
nunovernun ↦ 𒉪
nuncrossingnun ↦ 𒉫
nuncrossingnunlagaroverlagar ↦ 𒉬
nunuz ↦ 𒉭
nunuzab2timesashgab ↦ 𒉮
nunuzab2timesbi ↦ 𒉯
nunuzab2timesdug ↦ 𒉰
nunuzab2timesgud ↦ 𒉱
nunuzab2timesigigunu ↦ 𒉲
nunuzab2timeskad3 ↦ 𒉳
nunuzab2timesla ↦ 𒉴
nunuzab2timesne ↦ 𒉵
nunuzab2timessila3 ↦ 𒉶
nunuzab2timesu2 ↦ 𒉷
nunuzkisim5timesbi ↦ 𒉸
nunuzkisim5timesbiu ↦ 𒉹
pa ↦ 𒉺
pad ↦ 𒉻
pan ↦ 𒉼
pap ↦ 𒉽
pesh2 ↦ 𒉾
pi ↦ 𒉿
pitimesa ↦ 𒊀
pitimesab ↦ 𒊁
pitimesbi ↦ 𒊂
pitimesbu ↦ 𒊃
pitimese ↦ 𒊄
pitimesi ↦ 𒊅
pitimesib ↦ 𒊆
pitimesu ↦ 𒊇
pitimesu2 ↦ 𒊈
picrossingpi ↦ 𒊉

pirig ↦ 𒊊
pirigtimeskal ↦ 𒊋
pirigtimesud ↦ 𒊌
pirigtimesza ↦ 𒊍
pirigopposingpirig ↦ 𒊎
ra ↦ 𒊏
rab ↦ 𒊐
ri ↦ 𒊑
ru ↦ 𒊒
sa ↦ 𒊓
sagnutillu ↦ 𒊔
sag ↦ 𒊕
sagtimesa ↦ 𒊖
sagtimesdu ↦ 𒊗
sagtimesdub ↦ 𒊘
sagtimesha ↦ 𒊙
sagtimeskak ↦ 𒊚
sagtimeskur ↦ 𒊛
sagtimeslum ↦ 𒊜
sagtimesmi ↦ 𒊝
sagtimesnun ↦ 𒊞
sagtimessal ↦ 𒊟
sagtimesshid ↦ 𒊠
sagtimestab ↦ 𒊡
sagtimesu2 ↦ 𒊢
sagtimesub ↦ 𒊣
sagtimesum ↦ 𒊤
sagtimesur ↦ 𒊥
sagtimesush ↦ 𒊦
sagoversag ↦ 𒊧
saggunu ↦ 𒊨
sal ↦ 𒊩
sallagabtimesash2 ↦ 𒊪
sanga2 ↦ 𒊫
sar ↦ 𒊬
sha ↦ 𒊭
sha3 ↦ 𒊮
sha3timesa ↦ 𒊯
sha3timesbad ↦ 𒊰
sha3timesgish ↦ 𒊱
sha3timesne ↦ 𒊲
sha3timesshu2 ↦ 𒊳
sha3timestur ↦ 𒊴
sha3timesu ↦ 𒊵
sha3timesuplusa ↦ 𒊶
sha6 ↦ 𒊷
shab6 ↦ 𒊸
shar2 ↦ 𒊹
she ↦ 𒊺
shehu ↦ 𒊻
sheovershegadovergadgarovergar ↦ 𒊼
sheovershetabovertabgarovergar ↦ 𒊽
sheg9 ↦ 𒊾
shen ↦ 𒊿
shesh ↦ 𒋀
shesh2 ↦ 𒋁
sheshlam ↦ 𒋂
shid ↦ 𒋃
shidtimesa ↦ 𒋄
shidtimesim ↦ 𒋅
shim ↦ 𒋆
shimtimesa ↦ 𒋇
shimtimesbal ↦ 𒋈
shimtimesbulug ↦ 𒋉
shimtimesdin ↦ 𒋊
shimtimesgar ↦ 𒋋
shimtimesigi ↦ 𒋌
shimtimesigigunu ↦ 𒋍

shimtimeskushu2 ↦ 𒋎
shimtimeslul ↦ 𒋏
shimtimesmug ↦ 𒋐
shimtimessal ↦ 𒋑
shinig ↦ 𒋒
shir ↦ 𒋓
shirtenu ↦ 𒋔
shirovershirburoverbur ↦ 𒋕
shita ↦ 𒋖
shu ↦ 𒋗
shuoverinvertedshu ↦ 𒋘
shu2 ↦ 𒋙
shubur ↦ 𒋚
si ↦ 𒋛
sigunu ↦ 𒋜
sig ↦ 𒋝
sig4 ↦ 𒋞
sig4oversig4shu2 ↦ 𒋟
sik2 ↦ 𒋠
sila3 ↦ 𒋡
su ↦ 𒋢
suoversu ↦ 𒋣
sud ↦ 𒋤
sud2 ↦ 𒋥
suhur ↦ 𒋦
sum ↦ 𒋧
sumash ↦ 𒋨
sur ↦ 𒋩
sur9 ↦ 𒋪
ta ↦ 𒋫
taasterisk ↦ 𒋬
tatimeshi ↦ 𒋭
tatimesmi ↦ 𒋮
tagunu ↦ 𒋯
tab ↦ 𒋰
tabovertabniovernidishoverdish ↦ 𒋱
tabsquared ↦ 𒋲
tag ↦ 𒋳
tagtimesbi ↦ 𒋴
tagtimesgud ↦ 𒋵
tagtimesshe ↦ 𒋶
tagtimesshu ↦ 𒋷
tagtimestug2 ↦ 𒋸
tagtimesud ↦ 𒋹
tak4 ↦ 𒋺
tar ↦ 𒋻
te ↦ 𒋼
tegunu ↦ 𒋽
ti ↦ 𒋾
titenu ↦ 𒋿
til ↦ 𒌀
tir ↦ 𒌁
tirtimestak4 ↦ 𒌂
tirovertir ↦ 𒌃
tirovertirgadovergadgarovergar ↦ 𒌄
tu ↦ 𒌅
tug2 ↦ 𒌆
tuk ↦ 𒌇
tum ↦ 𒌈
tur ↦ 𒌉
turoverturzaoverza ↦ 𒌊
u ↦ 𒌋
ugud ↦ 𒌌
uuu ↦ 𒌍
uoverupaoverpagarovergar ↦ 𒌎
uoverusuroversur ↦ 𒌏

uoveruureversedoverureversed ↦ 𒌒
u2 ↦ 𒌓
ub ↦ 𒌔
ud ↦ 𒌕
udkushu2 ↦ 𒌖
udtimesbad ↦ 𒌗
udtimesmi ↦ 𒌘
udtimesuplusuplusu ↦ 𒌙
udtimesuplusuplusugunu ↦ 𒌚
udgunu ↦ 𒌛
udsheshig ↦ 𒌜
udsheshigtimesbad ↦ 𒌝
udug ↦ 𒌞
um ↦ 𒌟
umtimeslagab ↦ 𒌠
umtimesmeplusda ↦ 𒌡
umtimessha3 ↦ 𒌢
umtimesu ↦ 𒌣
umbin ↦ 𒌤
umum ↦ 𒌥
umumtimeskaskal ↦ 𒌦
umumtimespa ↦ 𒌧
un ↦ 𒌨
ungunu ↦ 𒌩
ur ↦ 𒌪
urcrossingur ↦ 𒌫
ursheshig ↦ 𒌬
ur2 ↦ 𒌭
ur2timesaplusha ↦ 𒌮
ur2timesaplusna ↦ 𒌯
ur2timesal ↦ 𒌰
ur2timesha ↦ 𒌱
ur2timesnun ↦ 𒌲
ur2timesu2 ↦ 𒌳
ur2timesu2plusash ↦ 𒌴
ur2timesu2plusbi ↦ 𒌵
ur4 ↦ 𒌶
uri ↦ 𒌷
uri3 ↦ 𒌸
uru ↦ 𒌹
urutimesa ↦ 𒌺
urutimesashgab ↦ 𒌻
urutimesbar ↦ 𒌼
urutimesdun ↦ 𒌽
urutimesga ↦ 𒌾
urutimesgal ↦ 𒌿
urutimesgan2tenu ↦ 𒍀
urutimesgar ↦ 𒍁
urutimesgu ↦ 𒍂
urutimesha ↦ 𒍃
urutimesigi ↦ 𒍄
urutimesim ↦ 𒍅
urutimesish ↦ 𒍆
urutimeski ↦ 𒍇
urutimeslum ↦ 𒍈
urutimesmin ↦ 𒍉
urutimespa ↦ 𒍊
urutimesshe ↦ 𒍋
urutimessig4 ↦ 𒍌
urutimestu ↦ 𒍍
urutimesuplusgud ↦ 𒍎
urutimesud ↦ 𒍏
urutimesuruda ↦ 𒍐
uruda ↦ 𒍑
urudatimesu ↦ 𒍒
ush ↦ 𒍓

ushtimesa ↦ 𒍒
ushtimesku ↦ 𒍓
ushtimeskur ↦ 𒍔
ushtimestak4 ↦ 𒍕
ushx ↦ 𒍖
ush2 ↦ 𒍗
ushumx ↦ 𒍘
utuki ↦ 𒍙
uz3 ↦ 𒍚
uz3timeskaskal ↦ 𒍛
uzu ↦ 𒍜
za ↦ 𒍝
zatenu ↦ 𒍞
zasquaredtimeskur ↦ 𒍟
zag ↦ 𒍠
zamx ↦ 𒍡
ze2 ↦ 𒍢
zi ↦ 𒍣
zioverzi ↦ 𒍤
zi3 ↦ 𒍥
zib ↦ 𒍦
zibkabatenu ↦ 𒍧
zig ↦ 𒍨
ziz2 ↦ 𒍩
zu ↦ 𒍪
zu5 ↦ 𒍫
zu5timesa ↦ 𒍬
zubur ↦ 𒍭
zum ↦ 𒍮
kapelamite ↦ 𒍯
abtimesnun ↦ 𒍰
ab2timesa ↦ 𒍱
amartimeskug ↦ 𒍲
dagkisim5timesu2plusmash ↦ 𒍳
dag3 ↦ 𒍴
dishplusshu ↦ 𒍵
dubtimesshe ↦ 𒍶
ezentimesgud ↦ 𒍷
ezentimesshe ↦ 𒍸
ga2timesanpluskakplusa ↦ 𒍹
ga2timesash2 ↦ 𒍺
ge22 ↦ 𒍻
gig ↦ 𒍼
hush ↦ 𒍽
katimesanshe ↦ 𒍾
katimesash3 ↦ 𒍿
katimesgish ↦ 𒎀
katimesgud ↦ 𒎁
katimeshitimesash2 ↦ 𒎂
katimeslum ↦ 𒎃
katimespa ↦ 𒎄
katimesshul ↦ 𒎅
katimestu ↦ 𒎆
katimesur2 ↦ 𒎇
lagabtimesgi ↦ 𒎈
lu2sheshigtimesbad ↦ 𒎉
lu2timesesh2pluslal ↦ 𒎊
lu2timesshu ↦ 𒎋
mesh ↦ 𒎌
mush3timesza ↦ 𒎍
na4 ↦ 𒎎
nin ↦ 𒎏
nin9 ↦ 𒎐
ninda2timesbal ↦ 𒎑
ninda2timesgi ↦ 𒎒
nu11rotatedninetydegrees ↦ 𒎓
pesh2asterisk ↦ 𒎔
pir2 ↦ 𒎕
sagtimesigigunu ↦ 𒎖
ti2 ↦ 𒎗
umtimesme ↦ 𒎘

uu ↦ 𒎙

[End of List]

8.3 List of Typing Shortcuts

For command `\cutransts {}`.

[Cuneiform]

a ↦ 𒀀
a2 ↦ 𒀉
ab ↦ 𒀊
ab2 ↦ 𒀖
ad ↦ 𒀜
ak ↦ 𒀝
al ↦ 𒀠
alan ↦ 𒀩
aleph ↦ 𒀪
amar ↦ 𒀫
an ↦ 𒀭
anshe ↦ 𒀲
apin ↦ 𒀳
arad ↦ 𒀴
arkab ↦ 𒀶
asal2 ↦ 𒀷
ash ↦ 𒀸
ash2 ↦ 𒀾
ashgab ↦ 𒀿
ba ↦ 𒁀
bad ↦ 𒁁
bag3 ↦ 𒁂
bahar2 ↦ 𒁃
bal ↦ 𒁄
balag ↦ 𒁆
bar ↦ 𒁇
bara2 ↦ 𒁈
bi ↦ 𒁉
bu ↦ 𒁍
bulug ↦ 𒁑
bur ↦ 𒁓
bur2 ↦ 𒁔
da ↦ 𒁕
dag ↦ 𒁖
dam ↦ 𒁮
dar ↦ 𒁯
dara3 ↦ 𒁰
dara4 ↦ 𒁱
di ↦ 𒁲
dib ↦ 𒁳
dim ↦ 𒁴
dim2 ↦ 𒁶
din ↦ 𒁷
dish ↦ 𒁹
du ↦ 𒁺
dub ↦ 𒁾
dub2 ↦ 𒂀
dug ↦ 𒂁
dugud ↦ 𒂂
duh ↦ 𒂃
dun ↦ 𒂄
dun3 ↦ 𒂅
dun4 ↦ 𒂈
dur2 ↦ 𒂉
e ↦ 𒂊
e2 ↦ 𒂍
edin ↦ 𒂔
egir ↦ 𒂕
el ↦ 𒂖
en ↦ 𒂗
eren ↦ 𒂞
erin2 ↦ 𒂟
esh2 ↦ 𒂠
ezen ↦ 𒂡
ga ↦ 𒂵
ga2 ↦ 𒂷
gaba ↦ 𒃮
gad ↦ 𒃰
gal ↦ 𒃲
galam ↦ 𒃴
gam ↦ 𒃵
gan ↦ 𒃶
gan2 ↦ 𒃷
gar ↦ 𒃻
gar3 ↦ 𒃼
gi ↦ 𒄀
gi4 ↦ 𒄄
gidim ↦ 𒄇
gir2 ↦ 𒄈
gir3 ↦ 𒄊
gisal ↦ 𒄐
gish ↦ 𒄑
gu ↦ 𒄖
gu2 ↦ 𒄘
gud ↦ 𒄞
gul ↦ 𒄢
gum ↦ 𒄣
gur ↦ 𒄥
gur7 ↦ 𒄦
gurun ↦ 𒄧
gurush ↦ 𒄨
ha ↦ 𒄩
hal ↦ 𒄬
hi ↦ 𒄭
hu ↦ 𒄷
hub2 ↦ 𒄸
hul2 ↦ 𒄽
i ↦ 𒄿
ia ↦ 𒅀
ib ↦ 𒅁
idim ↦ 𒅂
ig ↦ 𒅅
igi ↦ 𒅆
il ↦ 𒅋
il2 ↦ 𒅍
im ↦ 𒅎
imin ↦ 𒅓
in ↦ 𒅔
ir ↦ 𒅕
ish ↦ 𒅖
ka ↦ 𒅗
ka2 ↦ 𒆍
kab ↦ 𒆏
kad2 ↦ 𒆐
kad3 ↦ 𒆑
kad4 ↦ 𒆒
kad5 ↦ 𒆓
kak ↦ 𒆕

kal ↦ 𒆗
kam2 ↦ 𒆚
kam4 ↦ 𒆛
kaskal ↦ 𒆜
kesh2 ↦ 𒆟
ki ↦ 𒆠
kid ↦ 𒆤
kin ↦ 𒆥
kisal ↦ 𒆦
kish ↦ 𒆧
kisim5 ↦ 𒆨
ku ↦ 𒆪
ku3 ↦ 𒆬
ku4 ↦ 𒆭
ku7 ↦ 𒆯
kul ↦ 𒆰
kun ↦ 𒆱
kur ↦ 𒆲
kushu2 ↦ 𒆴
kwu318 ↦ 𒆵
la ↦ 𒆷
lagab ↦ 𒆸
lagar ↦ 𒇬
lahshu ↦ 𒇱
lal ↦ 𒇲
lam ↦ 𒇴
li ↦ 𒇷
lil ↦ 𒇸
limmu2 ↦ 𒇹
lish ↦ 𒇺
lu ↦ 𒇻
lu2 ↦ 𒇽
lu3 ↦ 𒈖
lugal ↦ 𒈗
luh ↦ 𒈛
lul ↦ 𒈜
lum ↦ 𒈝
ma ↦ 𒈠
ma2 ↦ 𒈣
mah ↦ 𒈤
mar ↦ 𒈥
mash ↦ 𒈦
mash2 ↦ 𒈧
me ↦ 𒈨
mes ↦ 𒈩
mi ↦ 𒈪
min ↦ 𒈫
mu ↦ 𒈬
mug ↦ 𒈮
munsub ↦ 𒈰
murgu2 ↦ 𒈱
mush ↦ 𒈲
mush3 ↦ 𒈹
na ↦ 𒈾
na2 ↦ 𒈿
naga ↦ 𒉀
nagar ↦ 𒉄
nam ↦ 𒉆
nam2 ↦ 𒉇
ne ↦ 𒉈
ni ↦ 𒉌
ni2 ↦ 𒉎
nim ↦ 𒉏
ninda2 ↦ 𒉒
nisag ↦ 𒉠
nu ↦ 𒉡
nu11 ↦ 𒉢
nun ↦ 𒉣
nunuz ↦ 𒉭
pa ↦ 𒉺
pad ↦ 𒉻
pan ↦ 𒉼
pap ↦ 𒉽
pesh2 ↦ 𒉾
pi ↦ 𒉿
pirig ↦ 𒊊
ra ↦ 𒊏
rab ↦ 𒊐
ri ↦ 𒊑
ru ↦ 𒊒
sa ↦ 𒊓
sag ↦ 𒊕
sal ↦ 𒊩
sar ↦ 𒊬
sha ↦ 𒊭
sha3 ↦ 𒊮
sha6 ↦ 𒊷
shab6 ↦ 𒊸
shar2 ↦ 𒊹
she ↦ 𒊺
sheg9 ↦ 𒊾
shen ↦ 𒊿
shesh ↦ 𒋀
shesh2 ↦ 𒋁
sheshlam ↦ 𒋂
shid ↦ 𒋃
shim ↦ 𒋆
shinig ↦ 𒋒
shir ↦ 𒋓
shita ↦ 𒋖
shu ↦ 𒋗
shu2 ↦ 𒋙
shubur ↦ 𒋚
si ↦ 𒋛
sig ↦ 𒋝
sig4 ↦ 𒋞
sik2 ↦ 𒋠
sila3 ↦ 𒋡
su ↦ 𒋢
sud ↦ 𒋤
sud2 ↦ 𒋥
suhur ↦ 𒋦
sum ↦ 𒋧
sumash ↦ 𒋨
sur ↦ 𒋩
sur9 ↦ 𒋪
ta ↦ 𒋫
tab ↦ 𒋰
tag ↦ 𒋳
tak4 ↦ 𒋺
tar ↦ 𒋻
te ↦ 𒋼
ti ↦ 𒋾
til ↦ 𒌀
tir ↦ 𒌁
tu ↦ 𒌅
tug2 ↦ 𒌆
tuk ↦ 𒌇
tum ↦ 𒌈
tur ↦ 𒌉
u ↦ 𒌋
u2 ↦ 𒌑
ub ↦ 𒌒
ud ↦ 𒌓
udug ↦ 𒌜
um ↦ 𒌝
umbin ↦ 𒌢
umum ↦ 𒌣
un ↦ 𒌦
ur ↦ 𒌨
ur2 ↦ 𒌫

ur4 ↦ 𒌴
uri ↦ 𒌵
uri3 ↦ 𒌶
uru ↦ 𒌷
ush ↦ 𒍑
ushx ↦ 𒍖
ush2 ↦ 𒍗
ushumx ↦ 𒍘
utuki ↦ 𒍙
uz3 ↦ 𒍚
uzu ↦ 𒍜
za ↦ 𒍝
zag ↦ 𒍠
zamx ↦ 𒍡
ze2 ↦ 𒍢
zi ↦ 𒍣
zi3 ↦ 𒍥
zib ↦ 𒍦
zig ↦ 𒍨
ziz2 ↦ 𒍩
zu ↦ 𒍪
zu5 ↦ 𒍫
zubur ↦ 𒍭
zum ↦ 𒍮
dag3 ↦ 𒍴
ge22 ↦ 𒍻
gig ↦ 𒍼
hush ↦ 𒍽
mesh ↦ 𒎌
na4 ↦ 𒎎
nin ↦ 𒎏
nin9 ↦ 𒎐
pir2 ↦ 𒎕
ti2 ↦ 𒎗
uu ↦ 𒎙

[End of List]

9 Cypriot Syllabary

9.1 List of Unicode codepoints

For command `\cytransuc {}`.

[Cypriot Syllabary]
U+10800 ↦ 𐠀
U+10801 ↦ 𐠁
U+10802 ↦ 𐠂
U+10803 ↦ 𐠃
U+10804 ↦ 𐠄
U+10805 ↦ 𐠅
U+10808 ↦ 𐠈
U+1080A ↦ 𐠊
U+1080B ↦ 𐠋
U+1080C ↦ 𐠌
U+1080D ↦ 𐠍
U+1080E ↦ 𐠎
U+1080F ↦ 𐠏
U+10810 ↦ 𐠐
U+10811 ↦ 𐠑
U+10812 ↦ 𐠒
U+10813 ↦ 𐠓
U+10814 ↦ 𐠔
U+10815 ↦ 𐠕
U+10816 ↦ 𐠖
U+10817 ↦ 𐠗
U+10818 ↦ 𐠘
U+10819 ↦ 𐠙
U+1081A ↦ 𐠚
U+1081B ↦ 𐠛
U+1081C ↦ 𐠜
U+1081D ↦ 𐠝
U+1081E ↦ 𐠞
U+1081F ↦ 𐠟
U+10820 ↦ 𐠠
U+10821 ↦ 𐠡
U+10822 ↦ 𐠢
U+10823 ↦ 𐠣
U+10824 ↦ 𐠤
U+10825 ↦ 𐠥
U+10826 ↦ 𐠦
U+10827 ↦ 𐠧
U+10828 ↦ 𐠨
U+10829 ↦ 𐠩
U+1082A ↦ 𐠪
U+1082B ↦ 𐠫
U+1082C ↦ 𐠬
U+1082D ↦ 𐠭
U+1082E ↦ 𐠮
U+1082F ↦ 𐠯
U+10830 ↦ 𐠰
U+10831 ↦ 𐠱
U+10832 ↦ 𐠲
U+10833 ↦ 𐠳
U+10834 ↦ 𐠴
U+10835 ↦ 𐠵
U+10837 ↦ 𐠷
U+10838 ↦ 𐠸
U+1083C ↦ 𐠼
U+1083F ↦ 𐠿

[End of List]

9.2 List of Unicode names

For command `\cytransun {}`.

[Cypriot Syllabary]
a ↦ 𐠀
e ↦ 𐠁
i ↦ 𐠂
o ↦ 𐠃
u ↦ 𐠄
ja ↦ 𐠅
jo ↦ 𐠈
ka ↦ 𐠊
ke ↦ 𐠋
ki ↦ 𐠌
ko ↦ 𐠍
ku ↦ 𐠎
la ↦ 𐠏
le ↦ 𐠐
li ↦ 𐠑
lo ↦ 𐠒
lu ↦ 𐠓
ma ↦ 𐠔
me ↦ 𐠕

mi ↦ 𐠖
mo ↦ 𐠗
mu ↦ 𐠘
na ↦ 𐠙
ne ↦ 𐠚
ni ↦ 𐠛
no ↦ 𐠜
nu ↦ 𐠝
pa ↦ 𐠞
pe ↦ 𐠟
pi ↦ 𐠠
po ↦ 𐠡
pu ↦ 𐠢
ra ↦ 𐠣
re ↦ 𐠤
ri ↦ 𐠥
ro ↦ 𐠦
ru ↦ 𐠧
sa ↦ 𐠨
se ↦ 𐠩
si ↦ 𐠪
so ↦ 𐠫
su ↦ 𐠬
ta ↦ 𐠭
te ↦ 𐠮
ti ↦ 𐠯
to ↦ 𐠰
tu ↦ 𐠱
wa ↦ 𐠲
we ↦ 𐠳
wi ↦ 𐠴
wo ↦ 𐠵
xa ↦ 𐠷
xe ↦ 𐠸
za ↦ 𐠼
zo ↦ 𐠿

[End of List]

10 Early Dynasitc Cuneiform

11 Egyptian Hieroglyphs

12 Elymaic

13 Glagolitic

14 Gothic

15 Hatran

16 Imperial Aramaic

17 Inscriptional Pahlavi

18 Inscriptional Parthian

19 Linear A

20 Linear B

21 Lycian

22 Lydian