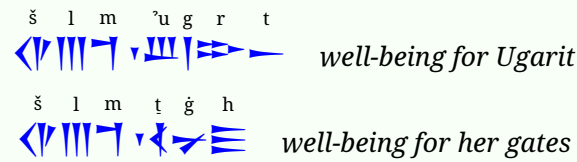


Ugaritic  
and other ancient scripts



—  
An ASCII input method  
—



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## **1 Quick Overview**

### **1.1 Commands for inline text**



Unicode codepoint	
U+10380	➡
\ugtransuc {U+10380} ↦ ➡	

(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}` ↦ ➡.

See §3 for a list of Unicode codepoints.

Unicode name	
alpa	➡
\ugtransun {alpa} ↦ ➡	

(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}` ↦ ➡.

See §4 for a list of Unicode names.

Typing shortcut	
a	➡
\ugtransts {a} ↦ ➡	

(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}` ↦ ➡.

See §5 for the default list of typing shortcuts.

TS-to-ST	
a.	'a
\ugtranstsst {a.} ↦ 'a	

(4)

Typing shortcuts, delimited with a dot (.) when needing to disambiguate, can produce scholarly (standard) transliteration: **dlt 'ugrt s<sub>2</sub>ss**.

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

Short command: `\ugst {ashgh}` ↦ 'ašġ.

See §6 for the list of transliterations.

### 1.1.1 Inline Styles

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

word (trans)	
a.	→ ('a)
\ugw {a.} → → ('a)	

(5)

\ugw {ssu} → (s<sub>2</sub>) versus \ugw {s.s.u.} → (ss'u).

Ruby text	
a.	→ 'a
\ugruby {a.} → → 'a	

(6)

d l t 'u g r t s<sub>2</sub> § s

Glossing: (dlt, 'royal palace guard post')

Gloss	
\uggloss {dltt}{The Door}	→  (dlt, 'The Door')

(7)

## 1.2 Environments

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

Unicode codepoint environment: ugtransuce	
<pre>\begin{ugtransuce} U+10380  U+10380 \end{ugtransuce}</pre>	

(8)

#### Unicode name environment: **ugtransune**

```
\begin{ugtransune}
beta gamla

delta lamda to
\end{ugtransune}
```



(10)

#### Typing shortcut environment: **ugtranstse**

```
\begin{ugtranstse}
dltt

shlmdivugrtt
\end{ugtranstse}
```



(11)

#### Transliteration environment: **ugtranstsste**

```
\begin{ugtranstsste}
dltt

shlmdivugrtt
\end{ugtranstsste}
```

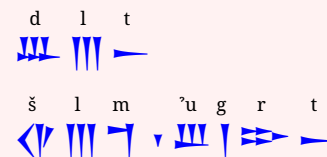
**dltt**  
**šlm 'ugrt**

(12)

#### Ruby text environment: **ugrubbye**

```
\begin{ugrubbye}
dltt


shlmdivugrtt
\end{ugrubbye}
```





### 1.3 Samples

('**ugrt**', 'Ugart')’s “ruins are often called **Ras Shamra** after the headland where they lie” – Wikipedia.

“The word (**'il**) is used over five hundred times in the texts from Ugarit.” – Robinson, 28

“The  (**šlm**) sacrifice, for example, appears to reflect a cultic meal in which the offerer partook of the same meal as was offered to the divinity.” – OIN&N, 2002

  (**šlm** **’ugrt**, ‘well-being for Ugarit’)

  (**šlm** **tgh**, ‘well-being for her gates’)

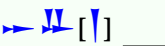









– from A Manual of Ugaritic, p 216

## 2 Usage





Environment ugtransuce inside a quotation environment:

 *italic*   
  **dlt** abc xyz

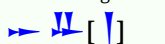
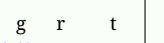






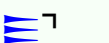
Environment ugtranstse:

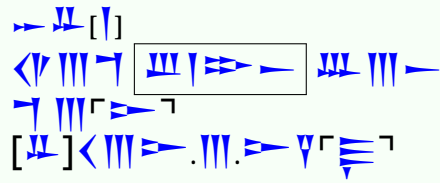
Environment ugtranssste:

**’ab[g]**  
**šlm**  **dlt**  
**ml**   
**[b]**  **ks** 

Environment ugrubye:

**’a** **b** **g**  
  
**š** **l** **m**  **d** **l** **t**  
    
**m** **l** **k**  
  
**b** **’** **l** **k** **l** **k** **s** **’i**  
  







Environment ugtableture (ugtranstse + ugtranssste):

































'ab[g]  
 šlm'ugrt dlt  
 ml'k'  
 [b]'lk.l.ks'i'

### 3 List of Unicode codepoints


\ugtransuc {U+10380}	↪	↗
\ugtransuc {U+10381}	↪	↗
\ugtransuc {U+10382}	↪	↓
\ugtransuc {U+10383}	↪	↓
\ugtransuc {U+10384}	↪	↗
\ugtransuc {U+10385}	↪	↗
\ugtransuc {U+10386}	↪	↗
\ugtransuc {U+10387}	↪	↓
\ugtransuc {U+10388}	↪	↗
\ugtransuc {U+10389}	↪	↗
\ugtransuc {U+1038A}	↪	↗
\ugtransuc {U+1038B}	↪	↗
\ugtransuc {U+1038C}	↪	↗
\ugtransuc {U+1038D}	↪	↗
\ugtransuc {U+1038E}	↪	↗
\ugtransuc {U+1038F}	↪	↗
\ugtransuc {U+10390}	↪	↗
\ugtransuc {U+10391}	↪	↗
\ugtransuc {U+10392}	↪	↗
\ugtransuc {U+10393}	↪	↗
\ugtransuc {U+10394}	↪	↗
\ugtransuc {U+10395}	↪	↗
\ugtransuc {U+10396}	↪	↗
\ugtransuc {U+10397}	↪	↗
\ugtransuc {U+10398}	↪	↗

`\ugtransuc {U+10399}`  $\mapsto$    
`\ugtransuc {U+1039A}`  $\mapsto$    
`\ugtransuc {U+1039B}`  $\mapsto$    
`\ugtransuc {U+1039C}`  $\mapsto$    
`\ugtransuc {U+1039D}`  $\mapsto$    
`\ugtransuc {U+1039F}`  $\mapsto$  
































## 4 List of Unicode names

`\ugtransun {alpa}`  $\mapsto$    
`\ugtransun {beta}`  $\mapsto$    
`\ugtransun {gamla}`  $\mapsto$    
`\ugtransun {kha}`  $\mapsto$    
`\ugtransun {delta}`  $\mapsto$    
`\ugtransun {ho}`  $\mapsto$    
`\ugtransun {wo}`  $\mapsto$    
`\ugtransun {zeta}`  $\mapsto$    
`\ugtransun {hota}`  $\mapsto$    
`\ugtransun {tet}`  $\mapsto$    
`\ugtransun {yod}`  $\mapsto$    
`\ugtransun {kaf}`  $\mapsto$    
`\ugtransun {shin}`  $\mapsto$    
`\ugtransun {lamda}`  $\mapsto$    
`\ugtransun {mem}`  $\mapsto$    
`\ugtransun {dhal}`  $\mapsto$    
`\ugtransun {nun}`  $\mapsto$    
`\ugtransun {zu}`  $\mapsto$    
`\ugtransun {samka}`  $\mapsto$    
`\ugtransun {ain}`  $\mapsto$    
`\ugtransun {pu}`  $\mapsto$    
`\ugtransun {sade}`  $\mapsto$    
`\ugtransun {qopa}`  $\mapsto$    
`\ugtransun {rasha}`  $\mapsto$    
`\ugtransun {thanna}`  $\mapsto$    
`\ugtransun {ghain}`  $\mapsto$    
`\ugtransun {to}`  $\mapsto$    
`\ugtransun {i}`  $\mapsto$    
`\ugtransun {u}`  $\mapsto$    
`\ugtransun {ssu}`  $\mapsto$  



`\ugtransun {worddivider}`  $\mapsto$  

## 5 List of Typing shortcuts








`\ugtransts {a}`  $\mapsto$    
`\ugtransts {b}`  $\mapsto$    
`\ugtransts {g}`  $\mapsto$    
`\ugtransts {k}`  $\mapsto$    
`\ugtransts {d}`  $\mapsto$    
`\ugtransts {h}`  $\mapsto$    
`\ugtransts {w}`  $\mapsto$    
`\ugtransts {z}`  $\mapsto$    
`\ugtransts {hh}`  $\mapsto$    
`\ugtransts {t}`  $\mapsto$    
`\ugtransts {y}`  $\mapsto$    
`\ugtransts {kk}`  $\mapsto$    
`\ugtransts {sh}`  $\mapsto$    
`\ugtransts {l}`  $\mapsto$    
`\ugtransts {m}`  $\mapsto$    
`\ugtransts {dh}`  $\mapsto$    
`\ugtransts {n}`  $\mapsto$    
`\ugtransts {zz}`  $\mapsto$    
`\ugtransts {s}`  $\mapsto$    
`\ugtransts {j}`  $\mapsto$    
`\ugtransts {p}`  $\mapsto$    
`\ugtransts {ss}`  $\mapsto$    
`\ugtransts {q}`  $\mapsto$    
`\ugtransts {r}`  $\mapsto$    
`\ugtransts {th}`  $\mapsto$    
`\ugtransts {gh}`  $\mapsto$    
`\ugtransts {tt}`  $\mapsto$    
`\ugtransts {i}`  $\mapsto$    
`\ugtransts {u}`  $\mapsto$    
`\ugtransts {ssu}`  $\mapsto$    
`\ugtransts {div}`  $\mapsto$  

## 6 List of Standard Transliterations



`\ugtranstsst {a}`  $\mapsto$  

$\backslash\text{ugtrantsst } \{b\} \mapsto \mathbf{b}$   
 $\backslash\text{ugtrantsst } \{g\} \mapsto \mathbf{g}$   
 $\backslash\text{ugtrantsst } \{k\} \mapsto \mathbf{h}$   
 $\backslash\text{ugtrantsst } \{d\} \mapsto \mathbf{d}$   
 $\backslash\text{ugtrantsst } \{h\} \mapsto \mathbf{h}$   
 $\backslash\text{ugtrantsst } \{w\} \mapsto \mathbf{w}$   
 $\backslash\text{ugtrantsst } \{z\} \mapsto \mathbf{z}$   
 $\backslash\text{ugtrantsst } \{hh\} \mapsto \mathbf{h}$   
 $\backslash\text{ugtrantsst } \{t\} \mapsto \mathbf{t}$   
 $\backslash\text{ugtrantsst } \{y\} \mapsto \mathbf{y}$   
 $\backslash\text{ugtrantsst } \{kk\} \mapsto \mathbf{k}$   
 $\backslash\text{ugtrantsst } \{sh\} \mapsto \mathbf{\check{s}}$   
 $\backslash\text{ugtrantsst } \{l\} \mapsto \mathbf{l}$   
 $\backslash\text{ugtrantsst } \{m\} \mapsto \mathbf{m}$   
 $\backslash\text{ugtrantsst } \{dh\} \mapsto \mathbf{d}$   
 $\backslash\text{ugtrantsst } \{n\} \mapsto \mathbf{n}$   
 $\backslash\text{ugtrantsst } \{zz\} \mapsto \mathbf{z}$   
 $\backslash\text{ugtrantsst } \{s\} \mapsto \mathbf{s}$   
 $\backslash\text{ugtrantsst } \{j\} \mapsto \mathbf{\check{s}}$   
 $\backslash\text{ugtrantsst } \{p\} \mapsto \mathbf{p}$   
 $\backslash\text{ugtrantsst } \{ss\} \mapsto \mathbf{\check{s}}$   
 $\backslash\text{ugtrantsst } \{q\} \mapsto \mathbf{q}$   
 $\backslash\text{ugtrantsst } \{r\} \mapsto \mathbf{r}$   
 $\backslash\text{ugtrantsst } \{th\} \mapsto \mathbf{t}$   
 $\backslash\text{ugtrantsst } \{gh\} \mapsto \mathbf{\dot{g}}$   
 $\backslash\text{ugtrantsst } \{tt\} \mapsto \mathbf{t}$   
 $\backslash\text{ugtrantsst } \{i\} \mapsto \mathbf{i}$   
 $\backslash\text{ugtrantsst } \{u\} \mapsto \mathbf{u}$   
 $\backslash\text{ugtrantsst } \{ssu\} \mapsto \mathbf{s_2}$   
 $\backslash\text{ugtrantsst } \{\text{div}\} \mapsto$



## 7 Reference Table

Glyph	Transliteration	Shortcut	U-name	Macro	Codepoint
	ʼa	a	alpa	\ugalpa	U+10380
	b	b	beta	\ugbeta	U+10381
	g	g	gamla	\uggamla	U+10382
	ḥ	k	kha	\ugkha	U+10383
	d	d	delta	\ugdelt	U+10384
	h	h	ho	\ugho	U+10385
	w	w	wo	\ugwo	U+10386
	z	z	zeta	\ugzeta	U+10387
	ḥ	hh	hota	\ughota	U+10388
	ṭ	t	tet	\ugtet	U+10389
	y	y	yod	\ugyod	U+1038A
	k	kk	kaf	\ugkaf	U+1038B
	š	sh	shin	\ugshin	U+1038C
	l	l	lamda	\uglamda	U+1038D
	m	m	mem	\ugmem	U+1038E
	ḍ	dh	dhal	\ugdhal	U+1038F
	n	n	nun	\ugnun	U+10390
	ẓ	zz	zu	\ugzu	U+10391
	s	s	samka	\ugsamka	U+10392
	ʾ	j	ain	\ugain	U+10393
	p	p	pu	\ugpu	U+10394
	ṣ	ss	sade	\ugsade	U+10395
	q	q	qopa	\ugqopa	U+10396
	r	r	rasha	\ugrasha	U+10397
	ṭ	th	thanna	\ugthanna	U+10398
	ḡ	gh	ghain	\ugghain	U+10399
	t	tt	to	\ugto	U+1039A
	ʼi	i	i	\ugi	U+1039B
	ʼu	u	u	\ugu	U+1039C
	s <sub>2</sub>	ssu	ssu	\ugssu	U+1039D
		div	worddivider	\ugworddivider	U+1039F

## 8 Anatolian Hieroglyphs

Unicode codepoint	
U+14400	
\ahuc {U+14400} → 	






























































































(13)







































































































































































Unicode name	
a001	
\ahun {a001} → 	

(14)



### 8.1 List of Glyphs

a001 → 	a022 → 	a043 → 	a062 → 
a002 → 	a023 → 	a044 → 	a063 → 
a003 → 	a024 → 	a045 → 	a064 → 
a004 → 	a025 → 	a045a → 	a065 → 
a005 → 	a026 → 	a046 → 	a066 → 
a006 → 	a026a → 	a046a → 	a066a → 
a007 → 	a027 → 	a046b → 	a066b → 
a008 → 	a028 → 	a047 → 	a066c → 
a009 → 	a029 → 	a048 → 	a067 → 
a010 → 	a030 → 	a049 → 	a068 → 
a010a → 	a031 → 	a050 → 	a069 → 
a011 → 	a032 → 	a051 → 	a070 → 
a012 → 	a033 → 	a052 → 	a071 → 
a013 → 	a034 → 	a053 → 	a072 → 
a014 → 	a035 → 	a054 → 	a073 → 
a015 → 	a036 → 	a055 → 	a074 → 
a016 → 	a037 → 	a056 → 	a075 → 
a017 → 	a038 → 	a057 → 	a076 → 
a018 → 	a039 → 	a058 → 	a077 → 
a019 → 	a039a → 	a059 → 	a078 → 
a020 → 	a040 → 	a060 → 	a079 → 
a021 → 	a041 → 	a061 → 	a080 → 
	a041a → 		a081 → 
	a042 → 		a082 → 
			a083 → 

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a097a	→	
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a098a	→	
a099	→	
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a100a	→	
a101	→	
a101a	→	
a102	→	
a102a	→	
a103	→	
a104	→	
a104a	→	
a104b	→	
a104c	→	
a105	→	
a105a	→	
a105b	→	
a106	→	
a107	→	
a107a	→	
a107b	→	
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a115a	→	
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a135a	→	
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a332a	→	
a332b	→	
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a457a	→	
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a530	→	

[End of List]

## 9 Avestan

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

i m ā t a v ō v  
𐬨𐬭𐬀𐬭𐬀𐬭𐬀𐬭𐬀𐬭𐬀←

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	ā ā
\avruby {aaahh} ↦ ā ā	

(19)

ā ā  
𐬨𐬭𐬀𐬭𐬀𐬭𐬀←

Note the reversal: \avruby {aa} ↦ 𐬀 + \avruby {ahh} ↦ ā comes

out as \avruby {aaahh} ↦ ā ā.



p ā u d a m

u d a m p ā

a n s a y                      a n s a y

၂၄၁၆ ၉၁၂၄၁၆ ၉၁

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

[illegible]

(20)

Avestan environment: <b>avestan</b>		NO TAS TAC EHT 987 654 321
<code>\begin{avestan}</code>		.TAM EHT
123 456 789 THE CAT SAT ON		𐬨𐬀𐬎𐬭𐬀 𐬨𐬀𐬎𐬭𐬀 𐬨𐬀𐬎𐬭𐬀 𐬨𐬀𐬎𐬭𐬀
THE MAT.		𐬨𐬀𐬎𐬭𐬀 𐬨𐬀𐬎𐬭𐬀 𐬨𐬀𐬎𐬭𐬀 𐬨𐬀𐬎𐬭𐬀
aap madu aap madu aap madu		𐬨𐬀𐬎𐬭𐬀 𐬨𐬀𐬎𐬭𐬀 𐬨𐬀𐬎𐬭𐬀 𐬨𐬀𐬎𐬭𐬀
aap madu aap madu aap		𐬨𐬀𐬎𐬭𐬀 𐬨𐬀𐬎𐬭𐬀 𐬨𐬀𐬎𐬭𐬀 𐬨𐬀𐬎𐬭𐬀
madu aap madu aap madu.		𐬨𐬀𐬎𐬭𐬀 𐬨𐬀𐬎𐬭𐬀 𐬨𐬀𐬎𐬭𐬀 𐬨𐬀𐬎𐬭𐬀
aap madu aap madu aap madu		𐬨𐬀𐬎𐬭𐬀 𐬨𐬀𐬎𐬭𐬀 𐬨𐬀𐬎𐬭𐬀 𐬨𐬀𐬎𐬭𐬀
aap madu aap madu aap		𐬨𐬀𐬎𐬭𐬀 𐬨𐬀𐬎𐬭𐬀 𐬨𐬀𐬎𐬭𐬀 𐬨𐬀𐬎𐬭𐬀
madu aap madu aap madu		𐬨𐬀𐬎𐬭𐬀 𐬨𐬀𐬎𐬭𐬀 𐬨𐬀𐬎𐬭𐬀 𐬨𐬀𐬎𐬭𐬀
aap madu.		𐬨𐬀𐬎𐬭𐬀 𐬨𐬀𐬎𐬭𐬀 𐬨𐬀𐬎𐬭𐬀 𐬨𐬀𐬎𐬭𐬀
<code>\end{avestan}</code>		𐬨𐬀𐬎𐬭𐬀 𐬨𐬀𐬎𐬭𐬀

## 9.1 List of Unicode codepoints

For command `\avtransuc {}`.

[Avestan]	U+10B0F ↦ 𐬱	U+10B1F ↦ 𐬱	U+10B2E ↦ 𐬱
U+10B00 ↦ 𐬀	U+10B10 ↦ 𐬀	U+10B20 ↦ 𐬀	U+10B2F ↦ 𐬀
U+10B01 ↦ 𐬁	U+10B11 ↦ 𐬁	U+10B21 ↦ 𐬁	U+10B30 ↦ 𐬁
U+10B02 ↦ 𐬂	U+10B12 ↦ 𐬂	U+10B22 ↦ 𐬂	U+10B31 ↦ 𐬂
U+10B03 ↦ 𐬃	U+10B13 ↦ 𐬃	U+10B23 ↦ 𐬃	U+10B32 ↦ 𐬃
U+10B04 ↦ 𐬄	U+10B14 ↦ 𐬄	U+10B24 ↦ 𐬄	U+10B33 ↦ 𐬄
U+10B05 ↦ 𐬅	U+10B15 ↦ 𐬅	U+10B25 ↦ 𐬅	U+10B34 ↦ 𐬅
U+10B06 ↦ 𐬆	U+10B16 ↦ 𐬆	U+10B26 ↦ 𐬆	U+10B35 ↦ 𐬆
U+10B07 ↦ 𐬇	U+10B17 ↦ 𐬇	U+10B27 ↦ 𐬇	U+10B39 ↦ °
U+10B08 ↦ 𐬈	U+10B18 ↦ 𐬈	U+10B28 ↦ 𐬈	U+10B3A ↦ ∴
U+10B09 ↦ 𐬉	U+10B19 ↦ 𐬉	U+10B29 ↦ 𐬉	U+10B3B ↦ ∴
U+10B0A ↦ 𐬊	U+10B1A ↦ 𐬊	U+10B2A ↦ 𐬊	U+10B3C ↦ ∴
U+10B0B ↦ 𐬋	U+10B1B ↦ 𐬋	U+10B2B ↦ 𐬋	U+10B3D ↦ ∴
U+10B0C ↦ 𐬌	U+10B1C ↦ 𐬌	U+10B2C ↦ 𐬌	U+10B3E ↦ ∴
U+10B0D ↦ 𐬍	U+10B1D ↦ 𐬍	U+10B2D ↦ 𐬍	U+10B3F ↦ ∴
U+10B0E ↦ 𐬎	U+10B1E ↦ 𐬎		[End of List]

## 9.2 List of Unicode names

For command `\avtransun {}`.

[Avestan]	ke ↦ 𐬕	be ↦ 𐬂	se ↦ 𐬱
a ↦ 𐬀	xe ↦ 𐬁	bhe ↦ 𐬂	ze ↦ 𐬀
aa ↦ 𐬁	xye ↦ 𐬃	nge ↦ 𐬃	she ↦ 𐬂
ao ↦ 𐬂	xve ↦ 𐬄	ngye ↦ 𐬃	zhe ↦ 𐬃
ao ↦ 𐬂	ge ↦ 𐬄	ngve ↦ 𐬃	shye ↦ 𐬄
an ↦ 𐬃	gge ↦ 𐬅	ne ↦ 𐬅	sshe ↦ 𐬅
aan ↦ 𐬄	ghe ↦ 𐬆	nye ↦ 𐬆	he ↦ 𐬆
ae ↦ 𐬅	ce ↦ 𐬇	nne ↦ 𐬇	abbreviationmark ↦ °
aee ↦ 𐬆	je ↦ 𐬈	me ↦ 𐬈	p1 ↦ ∴
e ↦ 𐬇	te ↦ 𐬉	hme ↦ 𐬈	p2 ↦ ∴
ee ↦ 𐬈	the ↦ 𐬊	yye ↦ 𐬊	p3 ↦ ∴
o ↦ 𐬊	de ↦ 𐬋	ye ↦ 𐬋	p4 ↦ ∴
oo ↦ 𐬋	dhe ↦ 𐬌	ve ↦ 𐬌	p5 ↦ ∴
i ↦ 𐬌	tte ↦ 𐬍	re ↦ 𐬌	p6 ↦ ∴
ii ↦ 𐬍	pe ↦ 𐬎	le ↦ 𐬍	[End of List]
u ↦ 𐬎	fe ↦ 𐬎		
uu ↦ 𐬎			

## 9.3 List of Typing Shortcuts

For command `\avtransts {}`.

[Avestan]	uu ↦ 𐬰	f ↦ 𐬌	l ↦ 𐬀
a ↦ 𐬀	k ↦ 𐬑	b ↦ 𐬍	s ↦ 𐬎
aa ↦ 𐬁	x ↦ 𐬔	w ↦ 𐬭	z ↦ 𐬏
ah ↦ 𐬢	xx ↦ 𐬔𐬔	ng ↦ 𐬢	sh ↦ 𐬱
ahh ↦ 𐬢𐬢	xv ↦ 𐬔𐬕	ngj ↦ 𐬢𐬑	zh ↦ 𐬱𐬑
au ↦ 𐬛	g ↦ 𐬑	ngw ↦ 𐬢𐬭	ssh ↦ 𐬱𐬱𐬱
auu ↦ 𐬛𐬛	gg ↦ 𐬑𐬑	n ↦ 𐬀	ss ↦ 𐬱𐬱
eh ↦ 𐬢	gh ↦ 𐬑𐬛	ny ↦ 𐬢𐬑	h ↦ 𐬢
ehh ↦ 𐬢𐬢	c ↦ 𐬑	nny ↦ 𐬢𐬑𐬑	' ↦ 𐬀
e ↦ 𐬛	j ↦ 𐬑𐬛	m ↦ 𐬍	p1 ↦ 𐬀
ee ↦ 𐬛𐬛	t ↦ 𐬑𐬛	mh ↦ 𐬍𐬛	p2 ↦ 𐬀𐬀
o ↦ 𐬛	th ↦ 𐬑𐬛	yy ↦ 𐬑𐬛	p3 ↦ 𐬀𐬀𐬀
oo ↦ 𐬛𐬛	d ↦ 𐬑	y ↦ 𐬑𐬛	p4 ↦ 𐬀𐬀𐬀𐬀
i ↦ 𐬛	dh ↦ 𐬑𐬛	v ↦ 𐬑	p5 ↦ 𐬀𐬀𐬀𐬀𐬀
ii ↦ 𐬛𐬛	tt ↦ 𐬑𐬑	r ↦ 𐬑	p6 ↦ 𐬀𐬀𐬀𐬀𐬀𐬀
u ↦ 𐬛	p ↦ 𐬑		[End of List]

## 9.4 List of Standard Transliteration

For command `\avtransst {}`.

[Avestan]	uu ↦ ū	f ↦ f	s ↦ s
a ↦ a	k ↦ k	b ↦ b	z ↦ z
aa ↦ ā	x ↦ x	w ↦ β	sh ↦ š
ah ↦ ǎ	xx ↦ ǎ	ng ↦ ŋ	zh ↦ ž
ahh ↦ ǎ	xv ↦ x <sup>v</sup>	ngj ↦ ǰ	ssh ↦ šš
au ↦ ą	g ↦ g	ngw ↦ ŋ <sup>v</sup>	ss ↦ šš
auu ↦ ą	gg ↦ ġ	n ↦ n	h ↦ h
eh ↦ ə	gh ↦ γ	ny ↦ ń	' ↦ '
ehh ↦ ǣ	c ↦ c	nny ↦ ņ	p1 ↦ p1
e ↦ e	j ↦ j	m ↦ m	p2 ↦ p2
ee ↦ ē	t ↦ t	mh ↦ ɱ	p3 ↦ p3
o ↦ o	th ↦ θ	yy ↦ ÿ	p4 ↦ p4
oo ↦ ō	d ↦ d	y ↦ y	p5 ↦ p5
i ↦ i	dh ↦ δ	v ↦ v	p6 ↦ p6
ii ↦ ī	tt ↦ Ț	r ↦ r	
u ↦ u	p ↦ p	l ↦ l	[End of List]

## 9.5 Reference table

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

ᳵ	ǎ	ah	ao	\avao	U+10B02
ᳶ	ǎ̃	ahh	aao	\avaao	U+10B03
᳷	ǻ	au	an	\avan	U+10B04
᳸	ǻ̃	auu	aan	\avaan	U+10B05
᳹	ə	eh	ae	\avae	U+10B06
ᳺ	ə̃	ehh	aee	\avaee	U+10B07
᳻	e	e	e	\ave	U+10B08
᳼	ē	ee	ee	\avee	U+10B09
᳽	o	o	o	\avo	U+10B0A
᳾	ō	oo	oo	\avoo	U+10B0B
᳿	i	i	i	\avi	U+10B0C
ᳺ̃	ī	ii	ii	\avii	U+10B0D
᳽̃	u	u	u	\avu	U+10B0E
᳽̃̃	ū	uu	uu	\avuu	U+10B0F
᳽̃k	k	k	ke	\avke	U+10B10
᳽̃x	x	x	xe	\avxe	U+10B11
᳽̃́	́x	xx	xye	\avxye	U+10B12
᳽̃ᵛ	xᵛ	xv	xve	\avxve	U+10B13
᳽̃g	g	g	ge	\avge	U+10B14
᳽̃ḡ	ḡ	gg	gge	\avgge	U+10B15
᳽̃ɣ	ɣ	gh	ghe	\avghe	U+10B16
᳽̃c	c	c	ce	\avce	U+10B17
᳽̃j	j	j	je	\avje	U+10B18
᳽̃t	t	t	te	\avte	U+10B19
᳽̃θ	θ	th	the	\avthe	U+10B1A
᳽̃d	d	d	de	\avde	U+10B1B
᳽̃ɖ	ɖ	dh	dhe	\avdhe	U+10B1C
᳽̃ɗ	ɗ	tt	tte	\avtte	U+10B1D
᳽̃p	p	p	pe	\avpe	U+10B1E
᳽̃f	f	f	fe	\avfe	U+10B1F
᳽̃b	b	b	be	\avbe	U+10B20
᳽̃β	β	w	bhe	\avbhe	U+10B21
᳽̃ŋ	ŋ	ng	nge	\avnge	U+10B22
᳽̃ŋ̊	ŋ̊	ngj	ngye	\avngye	U+10B23
᳽̃̊	̊ᵛ	ngw	ngve	\avngve	U+10B24

।	n	n	ne	\avne	U+10B25
।	ń	ny	nye	\avnye	U+10B26
।	ṇ	nny	nne	\avnne	U+10B27
।	m	m	me	\avme	U+10B28
।	ṃ	mh	hme	\avhme	U+10B29
।	ṡ	yy	yye	\avyye	U+10B2A
।	y	y	ye	\avye	U+10B2B
।	v	v	ve	\avve	U+10B2C
।	r	r	re	\avre	U+10B2D
।	l	l	le	\avle	U+10B2E
।	s	s	se	\avse	U+10B2F
।	z	z	ze	\avze	U+10B30
।	š	sh	she	\avshe	U+10B31
।	ž	zh	zhe	\avzhe	U+10B32
।	ś	ssh	shye	\avshye	U+10B33
।	ṣ	ss	sshe	\avsshe	U+10B34
।	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

## 10 Brahmi

Unicode codepoint
U+11005।
\bruc {U+11005} ↦ ।

(21)

Unicode name
kaaa।
\brun {kaaa} ↦ ।

(22)

†Λε †† †

$$\text{𑂔𑂔𑂔} + \text{𑂔𑂔} = \text{𑂔𑂔𑂔}$$

## 10.1 List of Unicode codepoints

For command `\brtransuc {}`.

[Brahmi]	U+1101B ↦	𑂔	U+11037 ↦	𑂔	U+11056 ↦	𑂔
U+11000 ↦	𑂔	𑂔	U+11038 ↦	𑂔	U+11057 ↦	𑂔
U+11001 ↦	𑂔	𑂔	U+11039 ↦	𑂔	U+11058 ↦	𑂔
U+11002 ↦	𑂔	𑂔	U+1103A ↦	𑂔	U+11059 ↦	𑂔
U+11003 ↦	𑂔	𑂔	U+1103B ↦	𑂔	U+1105A ↦	𑂔
U+11004 ↦	𑂔	𑂔	U+1103C ↦	𑂔	U+1105B ↦	𑂔
U+11005 ↦	𑂔	𑂔	U+1103D ↦	𑂔	U+1105C ↦	𑂔
U+11006 ↦	𑂔	𑂔	U+1103E ↦	𑂔	U+1105D ↦	𑂔
U+11007 ↦	𑂔	𑂔	U+1103F ↦	𑂔	U+1105E ↦	𑂔
U+11008 ↦	𑂔	𑂔	U+11040 ↦	𑂔	U+1105F ↦	𑂔
U+11009 ↦	𑂔	𑂔	U+11041 ↦	𑂔	U+11060 ↦	𑂔
U+1100A ↦	𑂔	𑂔	U+11042 ↦	𑂔	U+11061 ↦	𑂔
U+1100B ↦	𑂔	𑂔	U+11043 ↦	𑂔	U+11062 ↦	𑂔
U+1100C ↦	𑂔	𑂔	U+11044 ↦	𑂔	U+11063 ↦	𑂔
U+1100D ↦	𑂔	𑂔	U+11045 ↦	𑂔	U+11064 ↦	𑂔
U+1100E ↦	𑂔	𑂔	U+11046 ↦	𑂔	U+11065 ↦	𑂔
U+1100F ↦	𑂔	𑂔	U+11047 ↦	𑂔	U+11066 ↦	𑂔
U+11010 ↦	𑂔	𑂔	U+11048 ↦	𑂔	U+11067 ↦	𑂔
U+11011 ↦	𑂔	𑂔	U+11049 ↦	𑂔	U+11068 ↦	𑂔
U+11012 ↦	𑂔	𑂔	U+1104A ↦	𑂔	U+11069 ↦	𑂔
U+11013 ↦	𑂔	𑂔	U+1104B ↦	𑂔	U+1106A ↦	𑂔
U+11014 ↦	𑂔	𑂔	U+1104C ↦	𑂔	U+1106B ↦	𑂔
U+11015 ↦	𑂔	𑂔	U+1104D ↦	𑂔	U+1106C ↦	𑂔
U+11016 ↦	𑂔	𑂔	U+11052 ↦	𑂔	U+1106D ↦	𑂔
U+11017 ↦	𑂔	𑂔	U+11053 ↦	𑂔	U+1106E ↦	𑂔
U+11018 ↦	𑂔	𑂔	U+11054 ↦	𑂔	U+1106F ↦	𑂔
U+11019 ↦	𑂔	𑂔	U+11055 ↦	𑂔	U+1107F ↦	𑂔
U+1101A ↦	𑂔	𑂔			[End of List]	

## 10.2 List of Unicode names

For command `\brtransun {}`.

[Brahmi]	upadhmaniya ↦	letterii ↦	lettervocalicrr
candrabindu ↦	𑂔	letteru ↦	𑂔
anusvara ↦	lettera ↦	letteruu ↦	lettervocalicl ↦
visarga ↦	letteraa ↦	lettervocalicr ↦	𑂔
jihvamuliya ↦	letteri ↦	X	lettervocalicll ↦




























































?	pha ↦ ॐ	vocalicll ↦ ॐ	thirty ↦ ३
lettere ↦ Δ	ba ↦ □	e ↦ -	forty ↦ ४
letterai ↦ Δ	bha ↦ ॐ	ai ↦ =	fifty ↦ ५
lettero ↦ ॐ	ma ↦ ॐ	o ↦ --	sixty ↦ ६
letterau ↦ ॐ	ya ↦ ॐ	au ↦ ==	seventy ↦ ७
ka ↦ +	ra ↦	virama ↦ -	eighty ↦ ८
kha ↦ ॐ	la ↦ ॐ	danda ↦	ninety ↦ ९
ga ↦ ॐ	va ↦ ॐ	doubledanda ↦	onehundred ↦ १००
gha ↦ ॐ	sha ↦ ॐ	dot ↦ -	onethousand ↦ १०००
nga ↦ ॐ	ssa ↦ ॐ	doubledot ↦ =	digitzero ↦ ०
ca ↦ ॐ	sa ↦ ॐ	line ↦ —	digitone ↦ १
cha ↦ ॐ	ha ↦ ॐ	crescentbar ↦ ॐ	digittwo ↦ २
ja ↦ ॐ	lla ↦ ॐ	lotus ↦ ॐ	digittthree ↦ ३
jha ↦ ॐ	oldtamillla ↦ ॐ	one ↦ —	digitfour ↦ ४
nya ↦ ॐ	oldtamilrra ↦ ॐ	two ↦ ==	digitfive ↦ ५
nya ↦ ॐ	oldtamilnna ↦ ॐ	three ↦ ≡	digitsix ↦ ६
tta ↦ ॐ	aa ↦ -	four ↦ ++	digitseven ↦ ७
ttha ↦ ॐ	bhattiproluaa ↦ ॐ	five ↦ ॐ	digiteight ↦ ८
dda ↦ ॐ	i ↦ ॐ	six ↦ ॐ	digitnine ↦ ९
ddha ↦ ॐ	ii ↦ ॐ	seven ↦ ॐ	joiner ↦ ॐ
nna ↦ ॐ	u ↦ -	eight ↦ ॐ	
ta ↦ ॐ	uu ↦ =	nine ↦ ॐ	
tha ↦ ॐ	vocalicr ↦ ॐ	ten ↦ ॐ	
da ↦ ॐ	vocalicrr ↦ ॐ	twenty ↦ ॐ	
dha ↦ ॐ	vocalicl ↦ ॐ		
na ↦ ॐ			
pa ↦ ॐ			

[End of List]

### 10.3 List of Typing Shortcuts

For command \brtransts {}.


















































[Brahmi]	lvrr ↦ X	ch ↦ ॐ	dh ↦ D
cb ↦ :	lvl ↦ ॐ	j ↦ ॐ	n ↦ ॐ
as ↦ :	lvl ↦ ॐ	jh ↦ ॐ	p ↦ ॐ
vis ↦ :	le ↦ Δ	ny ↦ ॐ	ph ↦ ॐ
jm ↦ X	lai ↦ Δ	tt ↦ ॐ	b ↦ ॐ
upd ↦ ॐ	lo ↦ ॐ	tth ↦ ॐ	bh ↦ ॐ
la ↦ ॐ	lau ↦ ॐ	dd ↦ ॐ	m ↦ ॐ
laa ↦ ॐ	k ↦ +	ddh ↦ ॐ	y ↦ ॐ
li ↦ ::	kh ↦ ॐ	nn ↦ ॐ	r ↦ ॐ
lii ↦ ::	g ↦ ॐ	t ↦ ॐ	l ↦ ॐ
lu ↦ ॐ	gh ↦ ॐ	th ↦ ॐ	v ↦ ॐ
luu ↦ ॐ	ng ↦ ॐ	d ↦ ॐ	sh ↦ ॐ
lvrr ↦ X	c ↦ ॐ		ss ↦ ॐ

s ↦ 	vll ↦ 	3 ↦ 	90 ↦ 
h ↦ 	e ↦ 	4 ↦ 	100 ↦ 
ll ↦ 	ai ↦ 	5 ↦ 	1000 ↦ 
otlll ↦ 	o ↦ 	6 ↦ 	d0 ↦ 
otrr ↦ 	au ↦ 	7 ↦ 	d1 ↦ 
otnnn ↦ 	vir ↦ 	8 ↦ 	d2 ↦ 
aa ↦ 	dan ↦ 	9 ↦ 	d3 ↦ 
bhaa ↦ 	ddam ↦ 	10 ↦ 	d4 ↦ 
i ↦ 	dot ↦ 	20 ↦ 	d5 ↦ 
ii ↦ 	ddot ↦ 	30 ↦ 	d6 ↦ 
u ↦ 	line ↦ 	40 ↦ 	d7 ↦ 
uu ↦ 	crbar ↦ 	50 ↦ 	d8 ↦ 
vr ↦ 	lotus ↦ 	60 ↦ 	d9 ↦ 
vrr ↦ 	1 ↦ 	70 ↦ 	joiner ↦ 
vl ↦ 	2 ↦ 	80 ↦ 	[End of List]

## 11 Carian

### 11.1 List of Unicode codepoints

For command \catransuc {}.







































[Carian]	U+102AC ↦ 	U+102B9 ↦ 	U+102C6 ↦ 
U+102A0 ↦ 	U+102AD ↦ 	U+102BA ↦ 	U+102C7 ↦ 
U+102A1 ↦ 	U+102AE ↦ 	U+102BB ↦ 	U+102C8 ↦ 
U+102A2 ↦ 	U+102AF ↦ 	U+102BC ↦ 	U+102C9 ↦ 
U+102A3 ↦ 	U+102B0 ↦ 	U+102BD ↦ 	U+102CA ↦ 
U+102A4 ↦ 	U+102B1 ↦ 	U+102BE ↦ 	U+102CB ↦ 
U+102A5 ↦ 	U+102B2 ↦ 	U+102BF ↦ 	U+102CC ↦ 
U+102A6 ↦ 	U+102B3 ↦ 	U+102C0 ↦ 	U+102CD ↦ 
U+102A7 ↦ 	U+102B4 ↦ 	U+102C1 ↦ 	U+102CE ↦ 
U+102A8 ↦ 	U+102B5 ↦ 	U+102C2 ↦ 	U+102CF ↦ 
U+102A9 ↦ 	U+102B6 ↦ 	U+102C3 ↦ 	U+102D0 ↦ 
U+102AA ↦ 	U+102B7 ↦ 	U+102C4 ↦ 	[End of List]
U+102AB ↦ 	U+102B8 ↦ 	U+102C5 ↦ 	

### 11.2 List of Unicode names

For command \catransun {}.

[Carian]	d ↦ 	r ↦ 	q ↦ 
a ↦ 	l ↦ 	ld ↦ 	b ↦ 
p2 ↦ 	uuu ↦ 	a2 ↦ 	m ↦ 






















































































o $\mapsto$ 	n $\mapsto$ 	uu $\mapsto$ 	uuu2 $\mapsto$ 
d2 $\mapsto$ 	tt2 $\mapsto$ 	g $\mapsto$ 	rr $\mapsto$ 
t $\mapsto$ 	p $\mapsto$ 	g2 $\mapsto$ 	mb $\mapsto$ 
sh $\mapsto$ 	ss $\mapsto$ 	st $\mapsto$ 	mb2 $\mapsto$ 
sh2 $\mapsto$ 	i $\mapsto$ 	st2 $\mapsto$ 	mb3 $\mapsto$ 
s $\mapsto$ 	e $\mapsto$ 	ng $\mapsto$ 	mb4 $\mapsto$ 
c18 $\mapsto$ 	uuuu $\mapsto$ 	ii $\mapsto$ 	ld2 $\mapsto$ 
u $\mapsto$ 	k $\mapsto$ 	c39 $\mapsto$ 	e2 $\mapsto$ 
nn $\mapsto$ 	k2 $\mapsto$ 	tt $\mapsto$ 	uuu3 $\mapsto$ 
x $\mapsto$ 	nd $\mapsto$ 		[End of List]

## 12 Cuneiform

### 12.1 List of Unicode codepoints

For command `\cutransuc {}`.

[Cuneiform]	U+12017 $\mapsto$ 	U+1202D $\mapsto$ 	U+12042 $\mapsto$ 
U+12000 $\mapsto$ 	U+12018 $\mapsto$ 	U+1202E $\mapsto$ 	U+12043 $\mapsto$ 
U+12001 $\mapsto$ 	U+12019 $\mapsto$ 	U+1202F $\mapsto$ 	U+12044 $\mapsto$ 
U+12002 $\mapsto$ 	U+1201A $\mapsto$ 	U+12030 $\mapsto$ 	U+12045 $\mapsto$ 
U+12003 $\mapsto$ 	U+1201B $\mapsto$ 	U+12031 $\mapsto$ 	U+12046 $\mapsto$ 
U+12004 $\mapsto$ 	U+1201C $\mapsto$ 	U+12032 $\mapsto$ 	U+12047 $\mapsto$ 
U+12005 $\mapsto$ 	U+1201D $\mapsto$ 	U+12033 $\mapsto$ 	U+12048 $\mapsto$ 
U+12006 $\mapsto$ 	U+1201E $\mapsto$ 	U+12034 $\mapsto$ 	U+12049 $\mapsto$ 
U+12007 $\mapsto$ 	U+1201F $\mapsto$ 	U+12035 $\mapsto$ 	U+1204A $\mapsto$ 
U+12008 $\mapsto$ 	U+12020 $\mapsto$ 	U+12036 $\mapsto$ 	U+1204B $\mapsto$ 
U+12009 $\mapsto$ 	U+12021 $\mapsto$ 	U+12037 $\mapsto$ 	U+1204C $\mapsto$ 
U+1200A $\mapsto$ 	U+12022 $\mapsto$ 	U+12038 $\mapsto$ 	U+1204D $\mapsto$ 
U+1200B $\mapsto$ 	U+12023 $\mapsto$ 	U+12039 $\mapsto$ 	U+1204E $\mapsto$ 
U+1200C $\mapsto$ 	U+12024 $\mapsto$ 	U+1203A $\mapsto$ 	U+1204F $\mapsto$ 
U+1200D $\mapsto$ 	U+12025 $\mapsto$ 	U+1203B $\mapsto$ 	U+12050 $\mapsto$ 
U+1200E $\mapsto$ 	U+12026 $\mapsto$ 	U+1203C $\mapsto$ 	U+12051 $\mapsto$ 
U+1200F $\mapsto$ 	U+12027 $\mapsto$ 	U+1203D $\mapsto$ 	U+12052 $\mapsto$ 
U+12010 $\mapsto$ 	U+12028 $\mapsto$ 	U+1203E $\mapsto$ 	U+12053 $\mapsto$ 
U+12011 $\mapsto$ 	U+12029 $\mapsto$ 	U+1203F $\mapsto$ 	U+12054 $\mapsto$ 
U+12012 $\mapsto$ 	U+1202A $\mapsto$ 	U+12040 $\mapsto$ 	
U+12013 $\mapsto$ 	U+1202B $\mapsto$ 	U+12041 $\mapsto$ 	
U+12014 $\mapsto$ 	U+1202C $\mapsto$ 		

U+12055→		U+12076→		U+12098→		U+120B9→	
U+12056→		U+12077→		U+12099→		U+120BA→	
U+12057→		U+12078→		U+1209A→		U+120BB→	
U+12058→		U+12079→		U+1209B→		U+120BC→	
U+12059→		U+1207A→		U+1209C→		U+120BD→	
U+1205A→		U+1207B→		U+1209D→		U+120BE→	
U+1205B→		U+1207C→		U+1209E→		U+120BF→	
U+1205C→		U+1207D→		U+1209F→		U+120C0→	
U+1205D→		U+1207E→		U+120A0→		U+120C1→	
U+1205E→		U+1207F→		U+120A1→		U+120C2→	
U+1205F→		U+12080→		U+120A2→		U+120C3→	
U+12060→		U+12081→		U+120A3→		U+120C4→	
U+12061→		U+12082→		U+120A4→		U+120C5→	
U+12062→		U+12083→		U+120A5→		U+120C6→	
U+12063→		U+12084→		U+120A6→		U+120C7→	
U+12064→		U+12085→		U+120A7→		U+120C8→	
U+12065→		U+12086→		U+120A8→		U+120C9→	
U+12066→		U+12087→		U+120A9→		U+120CA→	
U+12067→		U+12088→		U+120AA→		U+120CB→	
U+12068→		U+12089→		U+120AB→		U+120CC→	
U+12069→		U+1208A→		U+120AC→		U+120CD→	
U+1206A→		U+1208B→		U+120AD→		U+120CE→	
U+1206B→		U+1208C→		U+120AE→		U+120CF→	
U+1206C→		U+1208D→		U+120AF→		U+120D0→	
U+1206D→		U+1208E→		U+120B0→		U+120D1→	
U+1206E→		U+1208F→		U+120B1→		U+120D2→	
U+1206F→		U+12090→		U+120B2→		U+120D3→	
U+12070→		U+12091→		U+120B3→		U+120D4→	
U+12071→		U+12092→		U+120B4→		U+120D5→	
U+12072→		U+12093→		U+120B5→		U+120D6→	
U+12073→		U+12094→		U+120B6→		U+120D7→	
U+12074→		U+12095→		U+120B7→		U+120D8→	
U+12075→		U+12096→		U+120B8→			
		U+12097→					

U+120D9→		U+120F8→		U+12116→		U+12139→	
U+120DA→		U+120F9→		U+12117→		U+1213A→	
U+120DB→		U+120FA→		U+12118→		U+1213B→	
U+120DC→		U+120FB→		U+12119→		U+1213C→	
U+120DD→		U+120FC→		U+1211A→		U+1213D→	
U+120DE→		U+120FD→		U+1211B→		U+1213E→	
U+120DF→		U+120FE→		U+1211C→		U+1213F→	
U+120E0→		U+120FF→		U+1211D→		U+12140→	
U+120E1→		U+12100→		U+1211E→		U+12141→	
U+120E2→		U+12101→		U+1211F→		U+12142→	
U+120E3→		U+12102→		U+12120→		U+12143→	
U+120E4→		U+12103→		U+12121→		U+12144→	
U+120E5→		U+12104→		U+12122→		U+12145→	
U+120E6→		U+12105→		U+12123→		U+12146→	
U+120E7→		U+12106→		U+12124→		U+12147→	
U+120E8→		U+12107→		U+12125→		U+12148→	
U+120E9→		U+12108→		U+12126→		U+12149→	
U+120EA→		U+12109→		U+12127→		U+1214A→	
U+120EB→		U+1210A→		U+12128→		U+1214B→	
U+120EC→		U+1210B→		U+12129→		U+1214C→	
U+120ED→		U+1210C→		U+1212A→		U+1214D→	
U+120EE→		U+1210D→		U+1212B→		U+1214E→	
U+120EF→		U+1210E→		U+1212C→		U+1214F→	
U+120F0→		U+1210F→		U+1212D→		U+12150→	
U+120F1→		U+12110→		U+1212E→		U+12151→	
U+120F2→		U+12111→		U+1212F→		U+12152→	
U+120F3→		U+12112→		U+12130→		U+12153→	
U+120F4→		U+12113→		U+12131→		U+12154→	
U+120F5→		U+12114→		U+12132→		U+12155→	
U+120F6→		U+12115→		U+12133→		U+12156→	
U+120F7→				U+12134→		U+12157→	
				U+12135→		U+12158→	
				U+12136→		U+12159→	
				U+12137→			
				U+12138→			

U+1215A→		U+12182→		U+121A5→		U+121CA→	
U+1215B→		U+12183→		U+121A6→		U+121CB→	
U+1215C→		U+12184→		U+121A7→		U+121CC→	
U+1215D→		U+12185→		U+121A8→		U+121CD→	
U+1215E→		U+12186→		U+121A9→		U+121CE→	
U+1215F→		U+12187→		U+121AA→		U+121CF→	
U+12160→		U+12188→		U+121AB→		U+121D0→	
U+12161→		U+12189→		U+121AC→		U+121D1→	
U+12162→		U+1218A→		U+121AD→		U+121D2→	
U+12163→		U+1218B→		U+121AE→		U+121D3→	
U+12164→		U+1218C→		U+121AF→		U+121D4→	
U+12165→		U+1218D→		U+121B0→		U+121D5→	
U+12166→		U+1218E→		U+121B1→		U+121D6→	
U+12167→		U+1218F→		U+121B2→		U+121D7→	
U+12168→		U+12190→		U+121B3→		U+121D8→	
U+12169→		U+12191→		U+121B4→		U+121D9→	
U+1216A→		U+12192→		U+121B5→		U+121DA→	
U+1216B→		U+12193→		U+121B6→		U+121DB→	
U+1216C→		U+12194→		U+121B7→		U+121DC→	
U+1216D→		U+12195→		U+121B8→		U+121DD→	
U+1216E→		U+12196→		U+121B9→		U+121DE→	
U+1216F→		U+12197→		U+121BA→		U+121DF→	
U+12170→		U+12198→		U+121BB→		U+121E0→	
U+12171→		U+12199→		U+121BC→		U+121E1→	
U+12172→		U+1219A→		U+121BD→		U+121E2→	
U+12173→		U+1219B→		U+121BE→		U+121E3→	
U+12174→		U+1219C→		U+121BF→		U+121E4→	
U+12175→		U+1219D→		U+121C0→		U+121E5→	
U+12176→		U+1219E→		U+121C1→		U+121E6→	
U+12177→		U+1219F→		U+121C2→		U+121E7→	
U+12178→		U+121A0→		U+121C3→		U+121E8→	
U+12179→		U+121A1→		U+121C4→		U+121E9→	
U+1217A→		U+121A2→		U+121C5→		U+121EA→	
U+1217B→		U+121A3→		U+121C6→		U+121EB→	
U+1217C→		U+121A4→		U+121C7→		U+121EC→	
U+1217D→				U+121C8→		U+121ED→	
U+1217E→				U+121C9→		U+121EE→	
U+1217F→						U+121EF→	
U+12180→						U+121F0→	
U+12181→							

U+121F1→		U+12216→		U+12239→		U+1225E→	
U+121F2→		U+12217→		U+1223A→		U+1225F→	
U+121F3→		U+12218→		U+1223B→		U+12260→	
U+121F4→		U+12219→		U+1223C→		U+12261→	
U+121F5→		U+1221A→		U+1223D→		U+12262→	
U+121F6→		U+1221B→		U+1223E→		U+12263→	
U+121F7→		U+1221C→		U+1223F→		U+12264→	
U+121F8→		U+1221D→		U+12240→		U+12265→	
U+121F9→		U+1221E→		U+12241→		U+12266→	
U+121FA→		U+1221F→		U+12242→		U+12267→	
U+121FB→		U+12220→		U+12243→		U+12268→	
U+121FC→		U+12221→		U+12244→		U+12269→	
U+121FD→		U+12222→		U+12245→		U+1226A→	
U+121FE→		U+12223→		U+12246→		U+1226B→	
U+121FF→		U+12224→		U+12247→		U+1226C→	
U+12200→		U+12225→		U+12248→		U+1226D→	
U+12201→		U+12226→		U+12249→		U+1226E→	
U+12202→		U+12227→		U+1224A→		U+1226F→	
U+12203→		U+12228→		U+1224B→		U+12270→	
U+12204→		U+12229→		U+1224C→		U+12271→	
U+12205→		U+1222A→		U+1224D→		U+12272→	
U+12206→		U+1222B→		U+1224E→		U+12273→	
U+12207→		U+1222C→		U+1224F→		U+12274→	
U+12208→		U+1222D→		U+12250→		U+12275→	
U+12209→		U+1222E→		U+12251→		U+12276→	
U+1220A→		U+1222F→		U+12252→		U+12277→	
U+1220B→		U+12230→		U+12253→		U+12278→	
U+1220C→		U+12231→		U+12254→		U+12279→	
U+1220D→		U+12232→		U+12255→		U+1227A→	
U+1220E→		U+12233→		U+12256→		U+1227B→	
U+1220F→		U+12234→		U+12257→		U+1227C→	
U+12210→		U+12235→		U+12258→			
U+12211→		U+12236→		U+12259→			
U+12212→		U+12237→		U+1225A→			
U+12213→		U+12238→		U+1225B→			
U+12214→				U+1225C→			
U+12215→				U+1225D→			



U+1227D→	𠂇	U+122A2→	𠂇	U+122C5→	𠂇	U+122E6→	𠂇
U+1227E→	𠂇	U+122A3→	𠂇	U+122C6→	𠂇	U+122E7→	𠂇
U+1227F→	𠂇	U+122A4→	𠂇	U+122C7→	𠂇	U+122E8→	𠂇
U+12280→	𠂇	U+122A5→	𠂇	U+122C8→	𠂇	U+122E9→	𠂇
U+12281→	𠂇	U+122A6→	𠂇	U+122C9→	𠂇	U+122EA→	𠂇
U+12282→	𠂇	U+122A7→	𠂇	U+122CA→	𠂇	U+122EB→	𠂇
U+12283→	𠂇	U+122A8→	𠂇	U+122CB→	𠂇	U+122EC→	𠂇
U+12284→	𠂇	U+122A9→	𠂇	U+122CC→	𠂇	U+122ED→	𠂇
U+12285→	𠂇	U+122AA→	𠂇	U+122CD→	𠂇	U+122EE→	𠂇
U+12286→	𠂇	U+122AB→	𠂇	U+122CE→	𠂇	U+122EF→	𠂇
U+12287→	𠂇	U+122AC→	𠂇	U+122CF→	𠂇	U+122F0→	𠂇
U+12288→	𠂇	U+122AD→	𠂇	U+122D0→	𠂇	U+122F1→	𠂇
U+12289→	𠂇	U+122AE→	𠂇	U+122D1→	𠂇	U+122F2→	𠂇
U+1228A→	𠂇	U+122AF→	𠂇	U+122D2→	𠂇	U+122F3→	𠂇
U+1228B→	𠂇	U+122B0→	𠂇	U+122D3→	𠂇	U+122F4→	𠂇
U+1228C→	𠂇	U+122B1→	𠂇	U+122D4→	𠂇	U+122F5→	𠂇
U+1228D→	𠂇	U+122B2→	𠂇	U+122D5→	𠂇	U+122F6→	𠂇
U+1228E→	𠂇	U+122B3→	𠂇	U+122D6→	𠂇	U+122F7→	𠂇
U+1228F→	𠂇	U+122B4→	𠂇	U+122D7→	𠂇	U+122F8→	𠂇
U+12290→	𠂇	U+122B5→	𠂇	U+122D8→	𠂇	U+122F9→	𠂇
U+12291→	𠂇	U+122B6→	𠂇	U+122D9→	𠂇	U+122FA→	𠂇
U+12292→	𠂇	U+122B7→	𠂇	U+122DA→	𠂇	U+122FB→	𠂇
U+12293→	𠂇	U+122B8→	𠂇	U+122DB→	𠂇	U+122FC→	𠂇
U+12294→	𠂇	U+122B9→	𠂇	U+122DC→	𠂇	U+122FD→	𠂇
U+12295→	𠂇	U+122BA→	𠂇	U+122DD→	𠂇	U+122FE→	𠂇
U+12296→	𠂇	U+122BB→	𠂇	U+122DE→	𠂇	U+122FF→	𠂇
U+12297→	𠂇	U+122BC→	𠂇	U+122DF→	𠂇	U+12300→	𠂇
U+12298→	𠂇	U+122BD→	𠂇	U+122E0→	𠂇	U+12301→	𠂇
U+12299→	𠂇	U+122BE→	𠂇	U+122E1→	𠂇	U+12302→	𠂇
U+1229A→	𠂇	U+122BF→	𠂇	U+122E2→	𠂇	U+12303→	𠂇
U+1229B→	𠂇	U+122C0→	𠂇	U+122E3→	𠂇	U+12304→	𠂇
U+1229C→	𠂇	U+122C1→	𠂇	U+122E4→	𠂇	U+12305→	𠂇
U+1229D→	𠂇	U+122C2→	𠂇	U+122E5→	𠂇	U+12306→	𠂇
U+1229E→	𠂇	U+122C3→	𠂇			U+12307→	𠂇
U+1229F→	𠂇	U+122C4→	𠂇			U+12308→	𠂇
U+122A0→	𠂇					U+12309→	𠂇
U+122A1→	𠂇						

U+1230A→	𠂇	U+1232B→	𠂇	U+1234C→	𠂇	U+1236F→	𠂇
U+1230B→	𠂇	U+1232C→	𠂇	U+1234D→	𠂇	U+12370→	𠂇
U+1230C→	𠂇	U+1232D→	𠂇	U+1234E→	𠂇	U+12371→	𠂇
U+1230D→	𠂇	U+1232E→	𠂇	U+1234F→	𠂇	U+12372→	𠂇
U+1230E→	𠂇	U+1232F→	𠂇	U+12350→	𠂇	U+12373→	𠂇
U+1230F→	𠂇	U+12330→	𠂇	U+12351→	𠂇	U+12374→	𠂇
U+12310→	𠂇	U+12331→	𠂇	U+12352→	𠂇	U+12375→	𠂇
U+12311→	𠂇	U+12332→	𠂇	U+12353→	𠂇	U+12376→	𠂇
U+12312→	𠂇	U+12333→	𠂇	U+12354→	𠂇	U+12377→	𠂇
U+12313→	𠂇	U+12334→	𠂇	U+12355→	𠂇	U+12378→	𠂇
U+12314→	𠂇	U+12335→	𠂇	U+12356→	𠂇	U+12379→	𠂇
U+12315→	𠂇	U+12336→	𠂇	U+12357→	𠂇	U+1237A→	𠂇
U+12316→	𠂇	U+12337→	𠂇	U+12358→	𠂇	U+1237B→	𠂇
U+12317→	𠂇	U+12338→	𠂇	U+12359→	𠂇	U+1237C→	𠂇
U+12318→	𠂇	U+12339→	𠂇	U+1235A→	𠂇	U+1237D→	𠂇
U+12319→	𠂇	U+1233A→	𠂇	U+1235B→	𠂇	U+1237E→	𠂇
U+1231A→	𠂇	U+1233B→	𠂇	U+1235C→	𠂇	U+1237F→	𠂇
U+1231B→	𠂇	U+1233C→	𠂇	U+1235D→	𠂇	U+12380→	𠂇
U+1231C→	𠂇	U+1233D→	𠂇	U+1235E→	𠂇	U+12381→	𠂇
U+1231D→	𠂇	U+1233E→	𠂇	U+1235F→	𠂇	U+12382→	𠂇
U+1231E→	𠂇	U+1233F→	𠂇	U+12360→	𠂇	U+12383→	𠂇
U+1231F→	𠂇	U+12340→	𠂇	U+12361→	𠂇	U+12384→	𠂇
U+12320→	𠂇	U+12341→	𠂇	U+12362→	𠂇	U+12385→	𠂇
U+12321→	𠂇	U+12342→	𠂇	U+12363→	𠂇	U+12386→	𠂇
U+12322→	𠂇	U+12343→	𠂇	U+12364→	𠂇	U+12387→	𠂇
U+12323→	𠂇	U+12344→	𠂇	U+12365→	𠂇	U+12388→	𠂇
U+12324→	𠂇	U+12345→	𠂇	U+12366→	𠂇	U+12389→	𠂇
U+12325→	𠂇	U+12346→	𠂇	U+12367→	𠂇	U+1238A→	𠂇
U+12326→	𠂇	U+12347→	𠂇	U+12368→	𠂇	U+1238B→	𠂇
U+12327→	𠂇	U+12348→	𠂇	U+12369→	𠂇	U+1238C→	𠂇
U+12328→	𠂇	U+12349→	𠂇	U+1236A→	𠂇	U+1238D→	𠂇
U+12329→	𠂇	U+1234A→	𠂇	U+1236B→	𠂇	U+1238E→	𠂇
U+1232A→	𠂇	U+1234B→	𠂇	U+1236C→	𠂇	U+1238F→	𠂇
				U+1236D→	𠂇	U+12390→	𠂇
				U+1236E→	𠂇	U+12391→	𠂇
						U+12392→	𠂇

U+12393→	U+12395→	U+12397→	U+12399→
U+12394→	U+12396→	U+12398→	[End of List]



































## 12.2 List of Unicode names

For command \cutransun {}.

































[Cuneiform]	
a→	aktimeserin2→
atimesa→	aktimesshitaplusgish→
atimesbad→	al→
atimesgan2tenu→	altimesal→
atimesha→	altimesdim2→
atimesigi→	altimesgish→
atimeslagargunu→	altimesha→
atimesmush→	altimeskad3→
atimesag→	altimeski→
a2→	altimesse→
ab→	altimesush→
abtimesash2→	alan→
abtimesdun3gunu→	aleph→
abtimesgal→	amar→
abtimesgan2tenu→	amartimesse→
abtimesha→	an→
abtimesigigunu→	anoveran→
abtimesimin→	anthreetimes→
abtimeslagab→	anplusnagaopposinganplusnaga→
abtimesshesh→	
abtimesuplusuplusu→	anplusnagasquared→
abgunu→	
ab2→	anshe→
ab2timesbalag→	apin→
ab2timesgan2tenu→	arad→
ab2timesmeplusen→	aradtimeskur→
ab2timessha3→	arkab→
ab2timestak4→	asal2→
ad→	ash→
ak→	ashzidatenu→
	ashkabatenu→



ashoverashtug2overtug2tug2overtug2tug2overtug2tug2	dagkisim5timesnesgi→
ashoverashoverash→	dagkisim5timesgir2→
ashoverashoverashcrossingashoverashoverash→	dagkisim5timesgud→
ash2→	dagkisim5timesha→
ashgab→	dagkisim5timesir→
ba→	dagkisim5timesirpluslu→
bad→	dagkisim5timeskak→
bag3→	dagkisim5timesla→
bahar2→	dagkisim5timeslu→
bal→	dagkisim5timesluplusmash2→
baloverbal→	dagkisim5timeslum→
balag→	dagkisim5timesne→
bar→	dagkisim5timespappluspap→
bara2→	dagkisim5timesssi→
bi→	dagkisim5timestak4→
bitimesa→	dagkisim5timesu2plusgir2→
bitimesgar→	dagkisim5timesush→
bitimesigigu→	dam→
bu→	dar→
buoverbuab→	dara3→
buoverbuun→	dara4→
bucrossingbu→	di→
bulug→	dib→
bulugoverbulug→	dim→
bur→	dimtimesshe→
bur2→	dim2→
da→	din→
tag→	dinkaskalugunudish→
dagkisim5timesaplustamash→	dish→
dagkisim5timesamar→	du→
dagkisim5timesbalag→	duoverdu→
dagkisim5timesbi→	dugunu→
dagkisim5timesga→	dusheshigi→
dagkisim5timesgaplustamash→	






























dub→  
 dubtimesesh2→  
 dub2→  
 dug→  
 dugud→  
 duh→  
 dun→  
 dun3→  
 dun3gunu→  
 dun3gunugunu→  
 dun4→  
 dur2→  
 e→  
 etimespap→  
 eoverenunovernun→  
 e2→  
 e2timesaplushaplusda→  
 e2timesgar→  
 e2timesmi→  
 e2timessal→  
 e2timesse→  
 e2timesu→  
 edin→  
 egir→  
 el→  
 en→  
 entimesgan2→  
 entimesgan2tenu→  
 entimesme→  
 encrossingen→  
 enopposingen→  
 ensquared→  
 eren→  
 erin2→









































































esh2→  
 ezen→  
 ezentimesa→  
 ezentimesapluslal→  
 ezentimesaplusaltimeslal→  
 ezentimesan→  
 ezentimesbad→  
 ezentimesdun3gunu→  
 ezentimesdun3gunugunu→  
 ezentimesha→  
 ezentimeshagunu→  
 ezentimesigigunu→  
 ezentimeskaskal→  
 ezentimeskaskalsquared→  
 ezentimesku3→  
 ezentimesla→  
 ezentimeslaltimeslal→  
 ezentimesli→  
 ezentimeslu→  
 ezentimesu2→  
 ezentimesud→  
 ga→  
 gagunu→  
 ga2→  
 ga2timesaplusdaplusha→  
 ga2timesaplusha→  
 ga2timesaplusigi→  
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 ga2timesbarplusra→







































































ga2timesbur→  
 ga2timesburplusra→  
 ga2timesda→  
 ga2timesdi→  
 ga2timesdimtimeshe→  
 ga2timesdub→  
 ga2timesel→  
 ga2timeselplusla→  
 ga2timesen→  
 ga2timesentimesgan2tenu→  
 ga2timesgan2tenu→  
 ga2timesgar→  
 ga2timesgi→  
 ga2timesgi4→  
 ga2timesgi4plusa→  
 ga2timesgir2plussu→  
 ga2timeshaplusalplusesh2→  
 ga2timeshal→  
 ga2timeshalplusla→  
 ga2timeshiplusli→  
 ga2timeshub2→  
 ga2timesigigunu→  
 ga2timesishplushuplusash→  
 ga2timeskak→  
 ga2timeskaskal→  
 ga2timeskid→  
 ga2timeskidpluslal→  
 ga2timesku3plusan→  
 ga2timesla→  
 ga2timesmeplusen→  
 ga2timesmi→  
 ga2timesnun→

ga2timesnunovernun→  
 ga2timespa→  
 ga2timespal→  
 ga2timesar→  
 ga2timeshe→  
 ga2timesheplustur→  
 ga2timesshid→  
 ga2timessum→  
 ga2timestak4→  
 ga2timesu→  
 ga2timesud→  
 ga2timesudplusdu→  
 ga2overga2→  
 gaba→  
 gabacrossinggaba→  
 gad→  
 gadovergadgarovergar→  
 gal→  
 galgadovergadgarovergar→  
 galam→  
 gam→  
 gan→  
 gan2→  
 gan2tenu→  
 gan2overgan2→  
 gan2crossinggan2→  
 gar→  
 gar3→  
 gashan→  
 geshtin→




































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 gi→  
 gitimese→  
 gitimesu→  
 gicrossinggi→  
 gi4→  
 gi4overgi4→  
 gi4crossinggi4→  
 gidim→  
 gir2→  
 gir2gunu→  
 gir3→  
 gir3timesaplusigi→  
 gir3timesgan2tenu→  
 gir3timesigi→  
 gir3timesluplusi→  
 gir3timespa→  
 gisal→  
 gish→  
 gishcrossinggish→  
 gishtimesbad→  
 gishtimestak4→  
 gishtenu→  
 gu→  
 gucrossinggu→  
 gu2→  
 gu2timeskak→  
 gu2timeskaktimesigigu→  
 gu2timesnun→  
 gu2timesalplustug2→  
 gu2gunu→























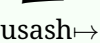




gud→  
 gudtimesapluskur→  
 gudtimeskur→  
 gudovergudlugal→  
 gul→  
 gum→  
 gumtimesse→  
 gur→  
 gur7→  
 gurun→  
 gurush→  
 ha→  
 hatenu→  
 hagu→  
 hal→  
 hi→  
 hitimesash→  
 hitimesash2→  
 hitimesbad→  
 hitimesdish→  
 hitimesgad→  
 hitimeskin→  
 hitimesnun→  
 hitimesse→  
 hitimesu→  
 hu→  
 hub2→  
 hub2timesan→  
 hub2timeshal→  
 hub2timeskaskal→  
 hub2timeslish→  
 hub2timesud→  
 hul2→  
 i→  
 ia→  
 ib→

idim→		katimesgan2tenu→	
idimoveridimbur→		katimesgar→	
idimoveridimsquared→		katimesgarplussa3plusa→	
ig→		katimesgi→	
igi→		katimesgir2→	
igidib→		katimesgishplussar→	
igiri→		katimesgishcrossinggish→	
igioverigishirovershirudoverud→		katimesgu→	
igigu→		katimesgur7→	
il→		katimesigi→	
iltimesgan2tenu→		katimesim→	
il2→		katimeskak→	
im→		katimeski→	
imtimesak4→		katimeskid→	
imcrossingim→		katimesli→	
imopposingim→		katimeslu→	
imsquared→		katimesme→	
imin→		katimesmeplusdu→	
in→		katimesmeplusgi→	
ir→		katimesmepluste→	
ish→		katimesmi→	
ka→		katimesmiplusnunuz→	
katimesa→		katimesne→	
katimesad→		katimesnun→	
katimesadplusku3→		katimespi→	
katimesash2→		katimesru→	
katimesbad→		katimesssa→	
katimesbalag→		katimesstar→	
katimesbar→		katimessha→	
katimesbi→		katimesshe→	
katimeserin2→		katimesshid→	
katimesesh2→		katimesshu→	
katimesga→		katimessig→	
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		katimesu→	
		katimesu2→	
		katimesud→	
		katimesumumtimespa→	


































































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katimeszi→		ku4→	
ka2→		ku4variantform→	
ka2crossingka2→		ku7→	
kab→		kul→	
kad2→		kulgunu→	
kad3→		kun→	
kad4→		kur→	
kad5→		kuropposingkur→	
kad5overkad5→		kushu2→	
kak→		kwu318→	
kaktimesigigunu→		la→	
kal→		lagab→	
kaltimesbad→		lagabtimesa→	
kalcrossingkal→		lagabtimesaplusdaplusha→	
kam2→		lagabtimesaplusgar→	
kam4→		lagabtimesapluslal→	
kaskal→		lagabtimesal→	
kaskallagabtimesuoverlagabtimesu→		lagabtimesan→	
kaskaloverkaskallagabtimesuoverlagabtimesu→		lagabtimesashzidatenu→	
kesh2→		lagabtimesbad→	
ki→		lagabtimesesh→	
kitimesbad→		lagabtimesdar→	
kitimesu→		lagabtimesen→	
kitimesud→		lagabtimesga→	
kid→		lagabtimesgar→	
kin→		lagabtimesgud→	
kisal→		lagabtimesgudplusgud→	
kish→		lagabtimesha→	
kisim5→		lagabtimeshal→	
kisim5overkisim5→		lagabtimeshitimesnun→	
ku→		lagabtimesigigunu→	
kuoverhitimesash2kuoverhitimesash→		lagabtimesim→	
		lagabtimesimplusha→	
		lagabtimesimpluslu→	
		lagabtimeski→	
		lagabtimeskin→	

lagabtimesku3→		lamtimeskurplusru→	
lagabtimeskul→		li→	
lagabtimeskulplushiplusa→		lil→	
lagabtimeslagab→		limmu2→	
lagabtimeslish→		lish→	
lagabtimeslu→		lu→	
lagabtimeslul→		lutimesbad→	
lagabtimesme→		lu2→	
lagabtimesmeplusen→		lu2timesal→	
lagabtimesmush→		lu2timesbad→	
lagabtimesne→		lu2timesesh2→	
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lagabtimesshitaplusgishpluserin2→		lu2timesgan2tenu→	
lagabtimesshitaplusgishtenu→		lu2timeshitimesbad→	
lagabtimesshu2→		lu2timesim→	
lagabtimesshu2plusshu2→		lu2timeskad2→	
lagabtimessum→		lu2timeskad3→	
lagabtimestag→		lu2timeskad3plusash→	
lagabtimestak4→		lu2timeski→	
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lagabtimesu→		lu2timeslagab→	
lagabtimesuplusa→		lu2timesmeplusen→	
lagabtimesuplusuplusu→		lu2timesne→	
lagabtimesu2plusash→		lu2timesnu→	
lagabtimesud→		lu2timessiplusash→	
lagabtimesush→		lu2timessik2plusbu→	
lagabsquared→		lu2timestug2→	
lagar→		lu2tenu→	
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lagartimesheplussum→		lu2opposinglu2→	
lagargunu→		lu2squared→	
lagargunuoverlagargunushe→		lu2sheshig→	
lahshu→		lu3→	
lal→		lugal→	
laltimeslal→		lugaloverlugal→	
lam→		lugalopposinglugal→	
lamtimeskur→			

lugalsheshig→  
 luh→  
 lul→  
 lum→  
 lumoverlum→  
 lumoverlumgarovergar→  
 ma→  
 matimestak4→  
 magunu→  
 ma2→  
 mah→  
 mar→  
 mash→  
 mash2→  
 me→  
 mes→  
 mi→  
 min→  
 mu→  
 muovermu→  
 mug→  
 muggunu→  
 munsub→  
 murgu2→  
 mush→  
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 mushtimesza→  
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 mush3timesdi→


































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 nagaopposingnaga→  
 naga→  
 nagar→  
 namnutillu→  
 nam→  
 nam2→  
 ne→  
 netimesa→  
 netimesud→  
 nesheshig→  
 ni→  
 nitimese→  
 ni2→  
 nim→  
 nimitimesgan2tenu→  
 nimitimesgarplusgan2tenu→  
 ninda2→  
 ninda2timesa→  
 ninda2timesash→  
 ninda2timesashplusash→  
 ninda2timesgud→  
 ninda2timesmeplusgan2tenu→  
 ninda2timesne→  
 ninda2timesnun→  
 ninda2timesse→  
 ninda2timesseplusaan→  
 ninda2timesseplusash→  
 ninda2timesseplusashplusash→  
 ninda2timesu2plusash→  
 ninda2timesush→  
 nisag→




nu→ 	pi→ 
nu11→ 	pitimesa→ 
nun→ 	pitimesab→ 
nunlagartimesgar→ 	pitimesbi→ 
nunlagartimesmash→ 	pitimesbu→ 
nunlagartimesal→ 	pitimese→ 
nunlagartimesalovernunlagartimesal→ 	pitimesib→ 
nunlagartimesush→ 	pitimesu→ 
nuntenu→ 	pitimesu2→ 
nunovernun→ 	picrossingpi→ 
nuncrossingnun→ 	pirig→ 
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nunuz→ 	pirigtimesud→ 
nunuzab2timesashgab→ 	pirigtimesza→ 
nunuzab2timesbi→ 	pirigopposingpirig→ 
nunuzab2timesdug→ 	ra→ 
nunuzab2timesgud→ 	rab→ 
nunuzab2timesigigu→ 	ri→ 
nunuzab2timeskad3→ 	ru→ 
nunuzab2timesla→ 	sa→ 
nunuzab2timesne→ 	sagnutillu→ 
nunuzab2timesila3→ 	sag→ 
nunuzab2timesu2→ 	sagtimesa→ 
nunuzkisim5timesbi→ 	sagtimesdu→ 
nunuzkisim5timesbiu→ 	sagtimesdub→ 
pa→ 	sagtimesha→ 
pad→ 	sagtimeskak→ 
pan→ 	sagtimeskur→ 
pap→ 	sagtimeslum→ 
pesh2→ 	sagtimesmi→ 
	sagtimesnun→ 
	sagtimesal→ 
	sagtimesshid→ 
	sagtimesstab→ 
	sagtimesu2→ 

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shubur→	
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sigunu→	
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sik2→	
sila3→	
su→	
suoversu→	
sud→	
sud2→	
suhur→	

sum→		turoverturzaoverza→	
sumash→		u→	
sur→		ugud→	
sur9→		uuu→	
ta→		uoverupaoverpagarovergar→	
taasterisk→		uoverusuroversur→	
tatimeshi→		uoveruureversedoverureversed→	
tatimesmi→		u2→	
tagunu→		ub→	
tab→		ud→	
tabovertabniovernidishoverdish→		udkushu2→	
tabsquared→		udtimesbad→	
tag→		udtimesmi→	
tagtimesbi→		udtimesuplusuplusu→	
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tagtimeshe→		udgunu→	
tagtimesshu→		udsheshig→	
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tar→		umtimeslagab→	
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tegunu→		umtimessha3→	
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titenu→		umbin→	
til→		umum→	
tir→		umumtimeskaskal→	
tirtimestak4→		umumtimespa→	
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tirovertirgadovergadgarovergar→		ungunu→	
tu→		ur→	
tug2→		urcrossingur→	
tuk→		ursheshig→	
tum→			
tur→			

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 ur2timesu2plusbi→  
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 uri3→  
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 urutimesgu→  
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 urutimesmin→  
 urutimespa→  
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 ushtimeskur→  
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 ushumx→  
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 uzu→  
 za→  
 zatenu→  
 zasquaredtimeskur→  
 zag→  
 zamx→  
 ze2→  
 zi→  
 zioverzi→  
 zi3→  
 zib→  
 zibkabatenu→  
 zig→  
 ziz2→  
 zu→  
 zu5→  
 zu5timesa→  
 zubur→  
 zum→

kapelamite→		katimespa→	
abtimesnun→		katimesshul→	
ab2timesa→		katimestu→	
amartimeskug→		katimesur2→	
dagkisim5timesu2plusmash→		lagabtimesgi→	
dag3→		lu2sheshigtimesbad→	
dishplusshu→		lu2timesesh2pluslal→	
dubtimesshe→		lu2timesshu→	
ezentimesgud→		mesh→	
ezentimeshe→		mush3timesza→	
ga2timesanpluskakplusa→		na4→	
ga2timesash2→		nin→	
ge22→		nin9→	
gig→		ninda2timesbal→	
hush→		ninda2timesgi→	
katimesanshe→		nu11rotatedninetydegrees→	
katimesash3→		pesh2asterisk→	
katimesgish→		pir2→	
katimesgud→		sagtimesigigu→	
katimeshitimesash2→		ti2→	
katimeslum→		umtimesme→	
		uu→	

[End of List]

- 13 Cypriot Syllabary**
- 14 Early Dynastic Cuneiform**
- 15 Egyptian Hieroglyphs**
- 16 Elymaic**
- 17 Glagolitic**
- 18 Gothic**
- 19 Hatran**
- 20 Imperial Aramaic**
- 21 Inscriptional Pahlavi**
- 22 Inscriptional Parthian**
- 23 Linear A**
- 24 Linear B**
- 25 Lycian**
- 26 Lydian**