

HEX	C	J	K	V	HEX	C	J	K	V
9FB8 小 42.2	𠂔				9FCC 水 85.9	涼			
	G9-FE6D					UTC-00867			
9FB9 八 12.4	𠂊								
	G9-FE7E								
9FBA 十 24.6	𠂉								
	G9-FE90								
9FBB 言 149.12	縑								
	G9-FEA0								
9FBC 土 32.14	墻								
	UTC-00836								
9FBD 火 86.11 195.	熑								
	UTC-00835								
9FBE 皮 107.8	皮膚								
	UTC-00837								
9FBF 艸 140.8	葦								
	UTC-00838								
9FC0 艸 140.18	薺								
	UTC-00839								
9FC1 言 149.6	誂								
	UTC-00840								
9FC2 車 159.11 196.	鶴								
	UTC-00841								
9FC3 目 109.7	睞				睞				
	GKX-0809.02				T4-3946				
9FC4 木 75.6	梁				梁				
	TC-4A76				JARIB-754F				
9FC5 示 113.13	禡				禡				
					JARIB-7621				
9FC6 示 113.4	祓				祓				
					JARIB-757D				
9FC7 人 9.6	佹								
	H-87C2								
9FC8 彳 60.4	徂								
	H-87D2								
9FC9 彳 60.4	伍								
	H-87D6								
9FCA 艸 140.7	澆								
	H-87DA								
9FCB 衣 145.12	禧								
	H-87DF								

A000

## Yi Syllables

A0EF

	A00	A01	A02	A03	A04	A05	A06	A07	A08	A09	A0A	A0B	A0C	A0D	A0E
0	𠂇	𠂉	𠂈	𠂊	𠂋	𠂌	𠂍	𠂎	𠂏	𠂐	𠂑	𠂓	𠂔	𠂕	𠂖
1	𠂆	𠂉	𠂈	𠂊	𠂋	𠂌	𠂍	𠂎	𠂏	𠂐	𠂑	𠂓	𠂔	𠂕	𠂖
2	𠂆	𠂉	𠂈	𠂊	𠂋	𠂌	𠂍	𠂎	𠂏	𠂐	𠂑	𠂓	𠂔	𠂕	𠂖
3	𠂆	𠂉	𠂈	𠂊	𠂋	𠂌	𠂍	𠂎	𠂏	𠂐	𠂑	𠂓	𠂔	𠂕	𠂖
4	𠂆	𠂉	𠂈	𠂊	𠂋	𠂌	𠂍	𠂎	𠂏	𠂐	𠂑	𠂓	𠂔	𠂕	𠂖
5	𠂆	𠂉	𠂈	𠂊	𠂋	𠂌	𠂍	𠂎	𠂏	𠂐	𠂑	𠂓	𠂔	𠂕	𠂖
6	𠂆	𠂉	𠂈	𠂊	𠂋	𠂌	𠂍	𠂎	𠂏	𠂐	𠂑	𠂓	𠂔	𠂕	𠂖
7	𠂆	𠂉	𠂈	𠂊	𠂋	𠂌	𠂍	𠂎	𠂏	𠂐	𠂑	𠂓	𠂔	𠂕	𠂖
8	𠂆	𠂉	𠂈	𠂊	𠂋	𠂌	𠂍	𠂎	𠂏	𠂐	𠂑	𠂓	𠂔	𠂕	𠂖
9	𠂆	𠂉	𠂈	𠂊	𠂋	𠂌	𠂍	𠂎	𠂏	𠂐	𠂑	𠂓	𠂔	𠂕	𠂖
A	𠂆	𠂉	𠂈	𠂊	𠂋	𠂌	𠂍	𠂎	𠂏	𠂐	𠂑	𠂓	𠂔	𠂕	𠂖
B	𠂆	𠂉	𠂈	𠂊	𠂋	𠂌	𠂍	𠂎	𠂏	𠂐	𠂑	𠂓	𠂔	𠂕	𠂖
C	𠂆	𠂉	𠂈	𠂊	𠂋	𠂌	𠂍	𠂎	𠂏	𠂐	𠂑	𠂓	𠂔	𠂕	𠂖
D	𠂆	𠂉	𠂈	𠂊	𠂋	𠂌	𠂍	𠂎	𠂏	𠂐	𠂑	𠂓	𠂔	𠂕	𠂖
E	𠂆	𠂉	𠂈	𠂊	𠂋	𠂌	𠂍	𠂎	𠂏	𠂐	𠂑	𠂓	𠂔	𠂕	𠂖
F	𠂆	𠂉	𠂈	𠂊	𠂋	𠂌	𠂍	𠂎	𠂏	𠂐	𠂑	𠂓	𠂔	𠂕	𠂖

A0F0

## Yi Syllables

A1DF

	A0F	A10	A11	A12	A13	A14	A15	A16	A17	A18	A19	A1A	A1B	A1C	A1D
0	අ	අ	අ	අ	අ	අ	අ	අ	අ	අ	අ	අ	අ	අ	අ
1	අ	අ	අ	අ	අ	අ	අ	අ	අ	අ	අ	අ	අ	අ	අ
2	අ	අ	අ	අ	අ	අ	අ	අ	අ	අ	අ	අ	අ	අ	අ
3	අ	අ	අ	අ	අ	අ	අ	අ	අ	අ	අ	අ	අ	අ	අ
4	අ	අ	අ	අ	අ	අ	අ	අ	අ	අ	අ	අ	අ	අ	අ
5	අ	අ	අ	අ	අ	අ	අ	අ	අ	අ	අ	අ	අ	අ	අ
6	අ	අ	අ	අ	අ	අ	අ	අ	අ	අ	අ	අ	අ	අ	අ
7	අ	අ	අ	අ	අ	අ	අ	අ	අ	අ	අ	අ	අ	අ	අ
8	අ	අ	අ	අ	අ	අ	අ	අ	අ	අ	අ	අ	අ	අ	අ
9	අ	අ	අ	අ	අ	අ	අ	අ	අ	අ	අ	අ	අ	අ	අ
A	අ	අ	අ	අ	අ	අ	අ	අ	අ	අ	අ	අ	අ	අ	අ
B	අ	අ	අ	අ	අ	අ	අ	අ	අ	අ	අ	අ	අ	අ	අ
C	අ	අ	අ	අ	අ	අ	අ	අ	අ	අ	අ	අ	අ	අ	අ
D	අ	අ	අ	අ	අ	අ	අ	අ	අ	අ	අ	අ	අ	අ	අ
E	අ	අ	අ	අ	අ	අ	අ	අ	අ	අ	අ	අ	අ	අ	අ
F	අ	අ	අ	අ	අ	අ	අ	අ	අ	අ	අ	අ	අ	අ	අ

	A1E	A1F	A20	A21	A22	A23	A24	A25	A26	A27	A28	A29	A2A	A2B	A2C
0	𠂇	𠂈	𠂉	𠂊	𠂋	𠂌	𠂍	𠂎	𠂏	𠂐	𠂑	𠂓	𠂔	𠂕	𠂖
1	𠂆	𠂇	𠂉	𠂊	𠂋	𠂌	𠂍	𠂎	𠂏	𠂐	𠂑	𠂓	𠂔	𠂕	𠂖
2	𠂇	𠂈	𠂉	𠂊	𠂋	𠂌	𠂍	𠂎	𠂏	𠂐	𠂑	𠂓	𠂔	𠂕	𠂖
3	𠂇	𠂈	𠂉	𠂊	𠂋	𠂌	𠂍	𠂎	𠂏	𠂐	𠂑	𠂓	𠂔	𠂕	𠂖
4	𠂇	𠂈	𠂉	𠂊	𠂋	𠂌	𠂍	𠂎	𠂏	𠂐	𠂑	𠂓	𠂔	𠂕	𠂖
5	𠂇	𠂈	𠂉	𠂊	𠂋	𠂌	𠂍	𠂎	𠂏	𠂐	𠂑	𠂓	𠂔	𠂕	𠂖
6	𠂇	𠂈	𠂉	𠂊	𠂋	𠂌	𠂍	𠂎	𠂏	𠂐	𠂑	𠂓	𠂔	𠂕	𠂖
7	𠂇	𠂈	𠂉	𠂊	𠂋	𠂌	𠂍	𠂎	𠂏	𠂐	𠂑	𠂓	𠂔	𠂕	𠂖
8	𠂇	𠂈	𠂉	𠂊	𠂋	𠂌	𠂍	𠂎	𠂏	𠂐	𠂑	𠂓	𠂔	𠂕	𠂖
9	𠂇	𠂈	𠂉	𠂊	𠂋	𠂌	𠂍	𠂎	𠂏	𠂐	𠂑	𠂓	𠂔	𠂕	𠂖
A	𠂇	𠂈	𠂉	𠂊	𠂋	𠂌	𠂍	𠂎	𠂏	𠂐	𠂑	𠂓	𠂔	𠂕	𠂖
B	𠂇	𠂈	𠂉	𠂊	𠂋	𠂌	𠂍	𠂎	𠂏	𠂐	𠂑	𠂓	𠂔	𠂕	𠂖
C	𠂇	𠂈	𠂉	𠂊	𠂋	𠂌	𠂍	𠂎	𠂏	𠂐	𠂑	𠂓	𠂔	𠂕	𠂖
D	𠂇	𠂈	𠂉	𠂊	𠂋	𠂌	𠂍	𠂎	𠂏	𠂐	𠂑	𠂓	𠂔	𠂕	𠂖
E	𠂇	𠂈	𠂉	𠂊	𠂋	𠂌	𠂍	𠂎	𠂏	𠂐	𠂑	𠂓	𠂔	𠂕	𠂖
F	𠂇	𠂈	𠂉	𠂊	𠂋	𠂌	𠂍	𠂎	𠂏	𠂐	𠂑	𠂓	𠂔	𠂕	𠂖

A2D0

## Yi Syllables

A3AF

	A2D	A2E	A2F	A30	A31	A32	A33	A34	A35	A36	A37	A38	A39	A3A
0	𠂔	𢃠	𢃡	𢃢	𢃣	𢃤	𢃥	𢃦	𢃧	𢃨	𢃩	𢃪	𢃫	𢃬
1	𢃱	𢃲	𢃳	𢃴	𢃵	𢃶	𢃷	𢃸	𢃹	𢃺	𢃻	𢃼	𢃽	𢃾
2	𢃱	𢃲	𢃳	𢃴	𢃵	𢃶	𢃷	𢃸	𢃹	𢃺	𢃻	𢃼	𢃽	𢃾
3	𢃱	𢃲	𢃳	𢃴	𢃵	𢃶	𢃷	𢃸	𢃹	𢃺	𢃻	𢃼	𢃽	𢃾
4	𢃱	𢃲	𢃳	𢃴	𢃵	𢃶	𢃷	𢃸	𢃹	𢃺	𢃻	𢃼	𢃽	𢃾
5	𢃱	𢃲	𢃳	𢃴	𢃵	𢃶	𢃷	𢃸	𢃹	𢃺	𢃻	𢃼	𢃽	𢃾
6	𢃱	𢃲	𢃳	𢃴	𢃵	𢃶	𢃷	𢃸	𢃹	𢃺	𢃻	𢃼	𢃽	𢃾
7	𢃱	𢃲	𢃳	𢃴	𢃵	𢃶	𢃷	𢃸	𢃹	𢃺	𢃻	𢃼	𢃽	𢃾
8	𢃱	𢃲	𢃳	𢃴	𢃵	𢃶	𢃷	𢃸	𢃹	𢃺	𢃻	𢃼	𢃽	𢃾
9	𢃱	𢃲	𢃳	𢃴	𢃵	𢃶	𢃷	𢃸	𢃹	𢃺	𢃻	𢃼	𢃽	𢃾
A	𢃱	𢃲	𢃳	𢃴	𢃵	𢃶	𢃷	𢃸	𢃹	𢃺	𢃻	𢃼	𢃽	𢃾
B	𢃱	𢃲	𢃳	𢃴	𢃵	𢃶	𢃷	𢃸	𢃹	𢃺	𢃻	𢃼	𢃽	𢃾
C	𢃱	𢃲	𢃳	𢃴	𢃵	𢃶	𢃷	𢃸	𢃹	𢃺	𢃻	𢃼	𢃽	𢃾
D	𢃱	𢃲	𢃳	𢃴	𢃵	𢃶	𢃷	𢃸	𢃹	𢃺	𢃻	𢃼	𢃽	𢃾
E	𢃱	𢃲	𢃳	𢃴	𢃵	𢃶	𢃷	𢃸	𢃹	𢃺	𢃻	𢃼	𢃽	𢃾
F	𢃱	𢃲	𢃳	𢃴	𢃵	𢃶	𢃷	𢃸	𢃹	𢃺	𢃻	𢃼	𢃽	𢃾

A3B0

Yi Syllables

A48F

A3B	A3C	A3D	A3E	A3F	A40	A41	A42	A43	A44	A45	A46	A47	A48
0	𠂇	𠂈	𠂉	𠂊	𠂋	𠂌	𠂍	𠂎	𠂏	𠂐	𠂑	𠂓	𠂔
1	𠂅	𠂆	𠂇	𠂈	𠂉	𠂊	𠂋	𠂌	𠂍	𠂎	𠂏	𠂐	𠂑
2	𠂁	𠂃	𠂄	𠂅	𠂆	𠂇	𠂈	𠂉	𠂊	𠂋	𠂌	𠂍	𠂎
3	𠂒	𠂓	𠂔	𠂕	𠂖	𠂗	𠂘	𠂙	𠂚	𠂛	𠂜	𠂝	𠂞
4	𠂟	𠂠	𠂡	𠂢	𠂣	𠂤	𠂥	𠂦	𠂧	𠂨	𠂩	𠂪	𠂫
5	𠂦	𠂦	𠂦	𠂦	𠂦	𠂦	𠂦	𠂦	𠂦	𠂦	𠂦	𠂦	𠂦
6	𠂦	𠂦	𠂦	𠂦	𠂦	𠂦	𠂦	𠂦	𠂦	𠂦	𠂦	𠂦	𠂦
7	𠂦	𠂦	𠂦	𠂦	𠂦	𠂦	𠂦	𠂦	𠂦	𠂦	𠂦	𠂦	𠂦
8	𠂦	𠂦	𠂦	𠂦	𠂦	𠂦	𠂦	𠂦	𠂦	𠂦	𠂦	𠂦	𠂦
9	𠂦	𠂦	𠂦	𠂦	𠂦	𠂦	𠂦	𠂦	𠂦	𠂦	𠂦	𠂦	𠂦
A	𠂦	𠂦	𠂦	𠂦	𠂦	𠂦	𠂦	𠂦	𠂦	𠂦	𠂦	𠂦	𠂦
B	𠂦	𠂦	𠂦	𠂦	𠂦	𠂦	𠂦	𠂦	𠂦	𠂦	𠂦	𠂦	𠂦
C	𠂦	𠂦	𠂦	𠂦	𠂦	𠂦	𠂦	𠂦	𠂦	𠂦	𠂦	𠂦	𠂦
D	𠂦	𠂦	𠂦	𠂦	𠂦	𠂦	𠂦	𠂦	𠂦	𠂦	𠂦	𠂦	𠂦
E	𠂦	𠂦	𠂦	𠂦	𠂦	𠂦	𠂦	𠂦	𠂦	𠂦	𠂦	𠂦	𠂦
F	𠂦	𠂦	𠂦	𠂦	𠂦	𠂦	𠂦	𠂦	𠂦	𠂦	𠂦	𠂦	𠂦

**Syllables**

A000	Yi SYLLABLE IT
A001	Yi SYLLABLE IX
A002	Yi SYLLABLE I
A003	Yi SYLLABLE IP
A004	Yi SYLLABLE IET
A005	Yi SYLLABLE IEX
A006	Yi SYLLABLE IE
A007	Yi SYLLABLE IEP
A008	Yi SYLLABLE AT
A009	Yi SYLLABLE AX
A00A	Yi SYLLABLE A
A00B	Yi SYLLABLE AP
A00C	Yi SYLLABLE UOX
A00D	Yi SYLLABLE UO
A00E	Yi SYLLABLE UOP
A00F	Yi SYLLABLE OT
A010	Yi SYLLABLE OX
A011	Yi SYLLABLE O
A012	Yi SYLLABLE OP
A013	Yi SYLLABLE EX
A014	Yi SYLLABLE E

**Syllable iteration mark**

A015	Yi SYLLABLE WU
	× YI SYLLABLE ITERATION MARK
• name is a misnomer	

**Syllables**

A016	Yi SYLLABLE BIT
A017	Yi SYLLABLE BIX
A018	Yi SYLLABLE BI
A019	Yi SYLLABLE BIP
A01A	Yi SYLLABLE BIET
A01B	Yi SYLLABLE BIEX
A01C	Yi SYLLABLE BIE
A01D	Yi SYLLABLE BIEP
A01E	Yi SYLLABLE BAT
A01F	Yi SYLLABLE BAX
A020	Yi SYLLABLE BA
A021	Yi SYLLABLE BAP
A022	Yi SYLLABLE BUOX
A023	Yi SYLLABLE BUO
A024	Yi SYLLABLE BUOP
A025	Yi SYLLABLE BOT
A026	Yi SYLLABLE BOX
A027	Yi SYLLABLE BO
A028	Yi SYLLABLE BOP
A029	Yi SYLLABLE BEX
A02A	Yi SYLLABLE BE
A02B	Yi SYLLABLE BEP
A02C	Yi SYLLABLE BUT
A02D	Yi SYLLABLE BUX
A02E	Yi SYLLABLE BU
A02F	Yi SYLLABLE BUP
A030	Yi SYLLABLE BURX
A031	Yi SYLLABLE BUR
A032	Yi SYLLABLE BYT
A033	Yi SYLLABLE BYX
A034	Yi SYLLABLE BY
A035	Yi SYLLABLE BYP
A036	Yi SYLLABLE BYRX

**Syllables**

A037	Yi SYLLABLE BYR
A038	Yi SYLLABLE PIT
A039	Yi SYLLABLE PIX
A03A	Yi SYLLABLE PI
A03B	Yi SYLLABLE PIP
A03C	Yi SYLLABLE PIEX
A03D	Yi SYLLABLE PIE
A03E	Yi SYLLABLE PIEP
A03F	Yi SYLLABLE PAT
A040	Yi SYLLABLE PAX
A041	Yi SYLLABLE PA
A042	Yi SYLLABLE PAP
A043	Yi SYLLABLE PUOX
A044	Yi SYLLABLE PUO
A045	Yi SYLLABLE PUOP
A046	Yi SYLLABLE POT
A047	Yi SYLLABLE POX
A048	Yi SYLLABLE PO
A049	Yi SYLLABLE POP
A04A	Yi SYLLABLE PUT
A04B	Yi SYLLABLE PUX
A04C	Yi SYLLABLE PU
A04D	Yi SYLLABLE PUP
A04E	Yi SYLLABLE PURX
A04F	Yi SYLLABLE PUR
A050	Yi SYLLABLE PYT
A051	Yi SYLLABLE PYX
A052	Yi SYLLABLE PY
A053	Yi SYLLABLE PYP
A054	Yi SYLLABLE PYRX
A055	Yi SYLLABLE PYR
A056	Yi SYLLABLE BBIT
A057	Yi SYLLABLE BBIX
A058	Yi SYLLABLE BBI
A059	Yi SYLLABLE BBIP
A05A	Yi SYLLABLE BBIET
A05B	Yi SYLLABLE BBIEX
A05C	Yi SYLLABLE BBIE
A05D	Yi SYLLABLE BBIEP
A05E	Yi SYLLABLE BBAT
A05F	Yi SYLLABLE BBAX
A060	Yi SYLLABLE BBA
A061	Yi SYLLABLE BBAP
A062	Yi SYLLABLE BBUOX
A063	Yi SYLLABLE BBUO
A064	Yi SYLLABLE BBUOP
A065	Yi SYLLABLE BBOT
A066	Yi SYLLABLE BBOX
A067	Yi SYLLABLE BBO
A068	Yi SYLLABLE BBOP
A069	Yi SYLLABLE BBEX
A06A	Yi SYLLABLE BBE
A06B	Yi SYLLABLE BBEP
A06C	Yi SYLLABLE BBUT
A06D	Yi SYLLABLE BBUX
A06E	Yi SYLLABLE BBU
A06F	Yi SYLLABLE BBUP
A070	Yi SYLLABLE BBURX
A071	Yi SYLLABLE BBUR
A072	Yi SYLLABLE BBYT
A073	Yi SYLLABLE BBYX
A074	Yi SYLLABLE BBY

A075

A075	ᠶ	YI SYLLABLE BBYP
A076	ᠶ	YI SYLLABLE NBIT
A077	ᠶ	YI SYLLABLE NBIX
A078	ᠶ	YI SYLLABLE NBI
A079	ᠶ	YI SYLLABLE NBIP
A07A	ᠶ	YI SYLLABLE NBIEX
A07B	ᠶ	YI SYLLABLE NBIE
A07C	ᠶ	YI SYLLABLE NBIEP
A07D	ᠶ	YI SYLLABLE NBAT
A07E	ᠶ	YI SYLLABLE NBAX
A07F	ᠶ	YI SYLLABLE NBA
A080	ᠶ	YI SYLLABLE NBAP
A081	ᠶ	YI SYLLABLE NBOT
A082	ᠶ	YI SYLLABLE NBOX
A083	ᠶ	YI SYLLABLE NBO
A084	ᠶ	YI SYLLABLE NBOP
A085	ᠶ	YI SYLLABLE NBUT
A086	ᠶ	YI SYLLABLE NBUX
A087	ᠶ	YI SYLLABLE NBU
A088	ᠶ	YI SYLLABLE NBUP
A089	ᠶ	YI SYLLABLE NBURX
A08A	ᠶ	YI SYLLABLE NBUR
A08B	ᠶ	YI SYLLABLE NBYT
A08C	ᠶ	YI SYLLABLE NBYX
A08D	ᠶ	YI SYLLABLE NBY
A08E	ᠶ	YI SYLLABLE NBYP
A08F	ᠶ	YI SYLLABLE NBYRX
A090	ᠶ	YI SYLLABLE NBYR
A091	ᠶ	YI SYLLABLE HMIT
A092	ᠶ	YI SYLLABLE HMIX
A093	ᠶ	YI SYLLABLE HMI
A094	ᠶ	YI SYLLABLE HMIP
A095	ᠶ	YI SYLLABLE HMIEX
A096	ᠶ	YI SYLLABLE HMIE
A097	ᠶ	YI SYLLABLE HMIEP
A098	ᠶ	YI SYLLABLE HMAT
A099	ᠶ	YI SYLLABLE HMAX
A09A	ᠶ	YI SYLLABLE HMA
A09B	ᠶ	YI SYLLABLE HMAP
A09C	ᠶ	YI SYLLABLE HMUOX
A09D	ᠶ	YI SYLLABLE HMUO
A09E	ᠶ	YI SYLLABLE HMUOP
A09F	ᠶ	YI SYLLABLE HMOT
A0A0	ᠶ	YI SYLLABLE HMOX
A0A1	ᠶ	YI SYLLABLE HMO
A0A2	ᠶ	YI SYLLABLE HMOP
A0A3	ᠶ	YI SYLLABLE HMUT
A0A4	ᠶ	YI SYLLABLE HMUX
A0A5	ᠶ	YI SYLLABLE HMU
A0A6	ᠶ	YI SYLLABLE HMUP
A0A7	ᠶ	YI SYLLABLE HMURX
A0A8	ᠶ	YI SYLLABLE HMUR
A0A9	ᠶ	YI SYLLABLE HMYX
A0AA	ᠶ	YI SYLLABLE HMY
A0AB	ᠶ	YI SYLLABLE HMYP
A0AC	ᠶ	YI SYLLABLE HMYRX
A0AD	ᠶ	YI SYLLABLE HMYR
A0AE	ᠶ	YI SYLLABLE MIT
A0AF	ᠶ	YI SYLLABLE MIX
A0B0	ᠶ	YI SYLLABLE MI
A0B1	ᠶ	YI SYLLABLE MIP
A0B2	ᠶ	YI SYLLABLE MIEX

## Yi Syllables

A0F0

A0B3	ᠮ	YI SYLLABLE MIE
A0B4	ᠮ	YI SYLLABLE MIEP
A0B5	ᠮ	YI SYLLABLE MAT
A0B6	ᠮ	YI SYLLABLE MAX
A0B7	ᠮ	YI SYLLABLE MA
A0B8	ᠮ	YI SYLLABLE MAP
A0B9	ᠮ	YI SYLLABLE MUOT
A0BA	ᠮ	YI SYLLABLE MUOX
A0BB	ᠮ	YI SYLLABLE MUO
A0BC	ᠮ	YI SYLLABLE MUOP
A0BD	ᠮ	YI SYLLABLE MOT
A0BE	ᠮ	YI SYLLABLE MOX
A0BF	ᠮ	YI SYLLABLE MO
A0C0	ᠮ	YI SYLLABLE MOP
A0C1	ᠮ	YI SYLLABLE MEX
A0C2	ᠮ	YI SYLLABLE ME
A0C3	ᠮ	YI SYLLABLE MUT
A0C4	ᠮ	YI SYLLABLE MUX
A0C5	ᠮ	YI SYLLABLE MU
A0C6	ᠮ	YI SYLLABLE MUP
A0C7	ᠮ	YI SYLLABLE MURX
A0C8	ᠮ	YI SYLLABLE MUR
A0C9	ᠮ	YI SYLLABLE MYT
A0CA	ᠮ	YI SYLLABLE MYX
A0CB	ᠮ	YI SYLLABLE MY
A0CC	ᠮ	YI SYLLABLE MYP
A0CD	ᠮ	YI SYLLABLE FIT
A0CE	ᠮ	YI SYLLABLE FIX
A0CF	ᠮ	YI SYLLABLE FI
A0D0	ᠮ	YI SYLLABLE FIP
A0D1	ᠮ	YI SYLLABLE FAT
A0D2	ᠮ	YI SYLLABLE FAX
A0D3	ᠮ	YI SYLLABLE FA
A0D4	ᠮ	YI SYLLABLE FAP
A0D5	ᠮ	YI SYLLABLE FOX
A0D6	ᠮ	YI SYLLABLE FO
A0D7	ᠮ	YI SYLLABLE FOP
A0D8	ᠮ	YI SYLLABLE FUT
A0D9	ᠮ	YI SYLLABLE FUX
A0DA	ᠮ	YI SYLLABLE FU
A0DB	ᠮ	YI SYLLABLE FUP
A0DC	ᠮ	YI SYLLABLE FURX
A0DD	ᠮ	YI SYLLABLE FUR
A0DE	ᠮ	YI SYLLABLE FYT
A0DF	ᠮ	YI SYLLABLE FYX
A0E0	ᠮ	YI SYLLABLE FY
A0E1	ᠮ	YI SYLLABLE FYP
A0E2	ᠮ	YI SYLLABLE VIT
A0E3	ᠮ	YI SYLLABLE VIX
A0E4	ᠮ	YI SYLLABLE VI
A0E5	ᠮ	YI SYLLABLE VIP
A0E6	ᠮ	YI SYLLABLE VIET
A0E7	ᠮ	YI SYLLABLE VIEX
A0E8	ᠮ	YI SYLLABLE VIE
A0E9	ᠮ	YI SYLLABLE VIEP
A0EA	ᠮ	YI SYLLABLE VAT
A0EB	ᠮ	YI SYLLABLE VAX
A0EC	ᠮ	YI SYLLABLE VA
A0ED	ᠮ	YI SYLLABLE VAP
A0EE	ᠮ	YI SYLLABLE VOT
A0EF	ᠮ	YI SYLLABLE VOX
A0F0	ᠮ	YI SYLLABLE VO

A0F1

## Yi Syllables

A16C

A0F1	Ӣ	YI SYLLABLE VOP	A12F	Ӣ	YI SYLLABLE TEP
A0F2	Ӣ	YI SYLLABLE VEX	A130	Ӣ	YI SYLLABLE TUT
A0F3	Ӣ	YI SYLLABLE VEP	A131	Ӣ	YI SYLLABLE TUX
A0F4	Ӣ	YI SYLLABLE VUT	A132	Ӣ	YI SYLLABLE TU
A0F5	Ӣ	YI SYLLABLE VUX	A133	Ӣ	YI SYLLABLE TUP
A0F6	Ӣ	YI SYLLABLE VU	A134	Ӣ	YI SYLLABLE TURX
A0F7	Ӣ	YI SYLLABLE VUP	A135	Ӣ	YI SYLLABLE TUR
A0F8	Ӣ	YI SYLLABLE VURX	A136	Ӣ	YI SYLLABLE DDIT
A0F9	Ӣ	YI SYLLABLE VUR	A137	Ӣ	YI SYLLABLE DDIX
A0FA	Ӣ	YI SYLLABLE VYT	A138	Ӣ	YI SYLLABLE DDI
A0FB	Ӣ	YI SYLLABLE VYX	A139	Ӣ	YI SYLLABLE DDIP
A0FC	Ӣ	YI SYLLABLE VY	A13A	Ӣ	YI SYLLABLE DDIEX
A0FD	Ӣ	YI SYLLABLE VYP	A13B	Ӣ	YI SYLLABLE DDIE
A0FE	Ӣ	YI SYLLABLE VYRX	A13C	Ӣ	YI SYLLABLE DDIEP
A0FF	Ӣ	YI SYLLABLE VYR	A13D	Ӣ	YI SYLLABLE DDAT
A100	Ӣ	YI SYLLABLE DIT	A13E	Ӣ	YI SYLLABLE DDAX
A101	Ӣ	YI SYLLABLE DIX	A13F	Ӣ	YI SYLLABLE DDA
A102	Ӣ	YI SYLLABLE DI	A140	Ӣ	YI SYLLABLE DDAP
A103	Ӣ	YI SYLLABLE DIP	A141	Ӣ	YI SYLLABLE DDUOX
A104	Ӣ	YI SYLLABLE DIEX	A142	Ӣ	YI SYLLABLE DDUO
A105	Ӣ	YI SYLLABLE DIE	A143	Ӣ	YI SYLLABLE DDUOP
A106	Ӣ	YI SYLLABLE DIEP	A144	Ӣ	YI SYLLABLE DDOT
A107	Ӣ	YI SYLLABLE DAT	A145	Ӣ	YI SYLLABLE DDOX
A108	Ӣ	YI SYLLABLE DAX	A146	Ӣ	YI SYLLABLE DDO
A109	Ӣ	YI SYLLABLE DA	A147	Ӣ	YI SYLLABLE DDOP
A10A	Ӣ	YI SYLLABLE DAP	A148	Ӣ	YI SYLLABLE DDEX
A10B	Ӣ	YI SYLLABLE DUOX	A149	Ӣ	YI SYLLABLE DDE
A10C	Ӣ	YI SYLLABLE DUO	A14A	Ӣ	YI SYLLABLE DDEP
A10D	Ӣ	YI SYLLABLE DOT	A14B	Ӣ	YI SYLLABLE DDUT
A10E	Ӣ	YI SYLLABLE DOX	A14C	Ӣ	YI SYLLABLE DDUX
A10F	Ӣ	YI SYLLABLE DO	A14D	Ӣ	YI SYLLABLE DDU
A110	Ӣ	YI SYLLABLE DOP	A14E	Ӣ	YI SYLLABLE DDUP
A111	Ӣ	YI SYLLABLE DEX	A14F	Ӣ	YI SYLLABLE DDURX
A112	Ӣ	YI SYLLABLE DE	A150	Ӣ	YI SYLLABLE DDUR
A113	Ӣ	YI SYLLABLE DEP	A151	Ӣ	YI SYLLABLE NDIT
A114	Ӣ	YI SYLLABLE DUT	A152	Ӣ	YI SYLLABLE NDIX
A115	Ӣ	YI SYLLABLE DUX	A153	Ӣ	YI SYLLABLE NDI
A116	Ӣ	YI SYLLABLE DU	A154	Ӣ	YI SYLLABLE NDIP
A117	Ӣ	YI SYLLABLE DUP	A155	Ӣ	YI SYLLABLE NDIEX
A118	Ӣ	YI SYLLABLE DURX	A156	Ӣ	YI SYLLABLE NDIE
A119	Ӣ	YI SYLLABLE DUR	A157	Ӣ	YI SYLLABLE NDAT
A11A	Ӣ	YI SYLLABLE TIT	A158	Ӣ	YI SYLLABLE NDAX
A11B	Ӣ	YI SYLLABLE TIX	A159	Ӣ	YI SYLLABLE NDA
A11C	Ӣ	YI SYLLABLE TI	A15A	Ӣ	YI SYLLABLE NDAP
A11D	Ӣ	YI SYLLABLE TIP	A15B	Ӣ	YI SYLLABLE NDOT
A11E	Ӣ	YI SYLLABLE TIEX	A15C	Ӣ	YI SYLLABLE NDOX
A11F	Ӣ	YI SYLLABLE TIE	A15D	Ӣ	YI SYLLABLE NDO
A120	Ӣ	YI SYLLABLE TIEP	A15E	Ӣ	YI SYLLABLE NDOP
A121	Ӣ	YI SYLLABLE TAT	A15F	Ӣ	YI SYLLABLE NDEX
A122	Ӣ	YI SYLLABLE TAX	A160	Ӣ	YI SYLLABLE NDE
A123	Ӣ	YI SYLLABLE TA	A161	Ӣ	YI SYLLABLE NDEP
A124	Ӣ	YI SYLLABLE TAP	A162	Ӣ	YI SYLLABLE NDUT
A125	Ӣ	YI SYLLABLE TUOT	A163	Ӣ	YI SYLLABLE NDUX
A126	Ӣ	YI SYLLABLE TUOX	A164	Ӣ	YI SYLLABLE NDU
A127	Ӣ	YI SYLLABLE TUO	A165	Ӣ	YI SYLLABLE NDUP
A128	Ӣ	YI SYLLABLE TUOP	A166	Ӣ	YI SYLLABLE NDURX
A129	Ӣ	YI SYLLABLE TOT	A167	Ӣ	YI SYLLABLE NDUR
A12A	Ӣ	YI SYLLABLE TOX	A168	Ӣ	YI SYLLABLE HNIT
A12B	Ӣ	YI SYLLABLE TO	A169	Ӣ	YI SYLLABLE HNIX
A12C	Ӣ	YI SYLLABLE TOP	A16A	Ӣ	YI SYLLABLE HNI
A12D	Ӣ	YI SYLLABLE TEX	A16B	Ӣ	YI SYLLABLE HNIP
A12E	Ӣ	YI SYLLABLE TE	A16C	Ӣ	YI SYLLABLE HNIET

A16D

A16D	ᠱ	YI SYLLABLE HNIEX
A16E	ᠱ	YI SYLLABLE HNIE
A16F	ᠱ	YI SYLLABLE HNIEP
A170	ᠱ	YI SYLLABLE HNAT
A171	ᠱ	YI SYLLABLE HNAX
A172	ᠱ	YI SYLLABLE HNA
A173	ᠱ	YI SYLLABLE HNAP
A174	ᠱ	YI SYLLABLE HNUOX
A175	ᠱ	YI SYLLABLE HNUO
A176	ᠱ	YI SYLLABLE HNOT
A177	ᠱ	YI SYLLABLE HNOX
A178	ᠱ	YI SYLLABLE HNOP
A179	ᠱ	YI SYLLABLE HNEX
A17A	ᠱ	YI SYLLABLE HNE
A17B	ᠱ	YI SYLLABLE HNEP
A17C	ᠱ	YI SYLLABLE HNUT
A17D	ᠱ	YI SYLLABLE NIT
A17E	ᠱ	YI SYLLABLE NIX
A17F	ᠱ	YI SYLLABLE NI
A180	ᠱ	YI SYLLABLE NIP
A181	ᠱ	YI SYLLABLE NIEX
A182	ᠱ	YI SYLLABLE NIE
A183	ᠱ	YI SYLLABLE NIEP
A184	ᠱ	YI SYLLABLE NAX
A185	ᠱ	YI SYLLABLE NA
A186	ᠱ	YI SYLLABLE NAP
A187	ᠱ	YI SYLLABLE NUOX
A188	ᠱ	YI SYLLABLE NUO
A189	ᠱ	YI SYLLABLE NUOP
A18A	ᠱ	YI SYLLABLE NOT
A18B	ᠱ	YI SYLLABLE NOX
A18C	ᠱ	YI SYLLABLE NO
A18D	ᠱ	YI SYLLABLE NOP
A18E	ᠱ	YI SYLLABLE NEX
A18F	ᠱ	YI SYLLABLE NE
A190	ᠱ	YI SYLLABLE NEP
A191	ᠱ	YI SYLLABLE NUT
A192	ᠱ	YI SYLLABLE NUX
A193	ᠱ	YI SYLLABLE NU
A194	ᠱ	YI SYLLABLE NUP
A195	ᠱ	YI SYLLABLE NURX
A196	ᠱ	YI SYLLABLE NUR
A197	ᠱ	YI SYLLABLE HLIT
A198	ᠱ	YI SYLLABLE HLIX
A199	ᠱ	YI SYLLABLE HLI
A19A	ᠱ	YI SYLLABLE HLIP
A19B	ᠱ	YI SYLLABLE HLIEX
A19C	ᠱ	YI SYLLABLE HLIE
A19D	ᠱ	YI SYLLABLE HLIEP
A19E	ᠱ	YI SYLLABLE HLAT
A19F	ᠱ	YI SYLLABLE HLAX
A1A0	ᠱ	YI SYLLABLE HLA
A1A1	ᠱ	YI SYLLABLE HLAP
A1A2	ᠱ	YI SYLLABLE HLUOX
A1A3	ᠱ	YI SYLLABLE HLUO
A1A4	ᠱ	YI SYLLABLE HLUOP
A1A5	ᠱ	YI SYLLABLE HLOX
A1A6	ᠱ	YI SYLLABLE HLO
A1A7	ᠱ	YI SYLLABLE HLOP
A1A8	ᠱ	YI SYLLABLE HLEX
A1A9	ᠱ	YI SYLLABLE HLE
A1AA	ᠱ	YI SYLLABLE HLEP

## Yi Syllables

A1E8

A1AB	ᠱ	YI SYLLABLE HLUT
A1AC	ᠱ	YI SYLLABLE HLUX
A1AD	ᠱ	YI SYLLABLE HLU
A1AE	ᠱ	YI SYLLABLE HLUP
A1AF	ᠱ	YI SYLLABLE HLURX
A1B0	ᠱ	YI SYLLABLE HLUR
A1B1	ᠱ	YI SYLLABLE HLYT
A1B2	ᠱ	YI SYLLABLE HLYX
A1B3	ᠱ	YI SYLLABLE HLY
A1B4	ᠱ	YI SYLLABLE HLYP
A1B5	ᠱ	YI SYLLABLE HLYRX
A1B6	ᠱ	YI SYLLABLE HLYR
A1B7	ᠱ	YI SYLLABLE LIT
A1B8	ᠱ	YI SYLLABLE LIX
A1B9	ᠱ	YI SYLLABLE LI
A1BA	⊕	YI SYLLABLE LIP
A1BB	ᠱ	YI SYLLABLE LIET
A1BC	ᠱ	YI SYLLABLE LIEX
A1BD	ᠱ	YI SYLLABLE LIE
A1BE	ᠱ	YI SYLLABLE LIEP
A1BF	ᠱ	YI SYLLABLE LAT
A1C0	ᠱ	YI SYLLABLE LAX
A1C1	ᠱ	YI SYLLABLE LA
A1C2	ᠱ	YI SYLLABLE LAP
A1C3	ᠱ	YI SYLLABLE LUOT
A1C4	ᠱ	YI SYLLABLE LUOX
A1C5	ᠱ	YI SYLLABLE LUO
A1C6	ᠱ	YI SYLLABLE LUOP
A1C7	ᠱ	YI SYLLABLE LOT
A1C8	ᠱ	YI SYLLABLE LOX
A1C9	ᠱ	YI SYLLABLE LO
A1CA	⊕	YI SYLLABLE LOP
A1CB	ᠱ	YI SYLLABLE LEX
A1CC	ᠱ	YI SYLLABLE LE
A1CD	ᠱ	YI SYLLABLE LEP
A1CE	ᠱ	YI SYLLABLE LUT
A1CF	ᠱ	YI SYLLABLE LUX
A1D0	ᠱ	YI SYLLABLE LU
A1D1	ᠱ	YI SYLLABLE LUP
A1D2	ᠱ	YI SYLLABLE LURX
A1D3	ᠱ	YI SYLLABLE LUR
A1D4	ᠱ	YI SYLLABLE LYT
A1D5	ᠱ	YI SYLLABLE LYX
A1D6	ᠱ	YI SYLLABLE LY
A1D7	ᠱ	YI SYLLABLE LYP
A1D8	ᠱ	YI SYLLABLE LYRX
A1D9	ᠱ	YI SYLLABLE LYR
A1DA	ᠱ	YI SYLLABLE GIT
A1DB	ᠱ	YI SYLLABLE GIX
A1DC	ᠱ	YI SYLLABLE GI
A1DD	ᠱ	YI SYLLABLE GIP
A1DE	ᠱ	YI SYLLABLE GIET
A1DF	ᠱ	YI SYLLABLE GIEX
A1E0	ᠱ	YI SYLLABLE GIE
A1E1	ᠱ	YI SYLLABLE GIEP
A1E2	ᠱ	YI SYLLABLE GAT
A1E3	ᠱ	YI SYLLABLE GAX
A1E4	ᠱ	YI SYLLABLE GA
A1E5	ᠱ	YI SYLLABLE GAP
A1E6	ᠱ	YI SYLLABLE GUOT
A1E7	ᠱ	YI SYLLABLE GUOX
A1E8	ᠱ	YI SYLLABLE GUO

A1E9	孳	YI SYLLABLE GUOP	A227	孳	YI SYLLABLE GGEX
A1EA	𠂇	YI SYLLABLE GOT	A228	𠂇	YI SYLLABLE GGE
A1EB	𠂇	YI SYLLABLE GOX	A229	𠂇	YI SYLLABLE GGEP
A1EC	𠂇	YI SYLLABLE GO	A22A	𠂇	YI SYLLABLE GGUT
A1ED	𠂇	YI SYLLABLE GOP	A22B	𠂇	YI SYLLABLE GGUX
A1EE	𠂇	YI SYLLABLE GET	A22C	𠂇	YI SYLLABLE GGU
A1EF	𠂇	YI SYLLABLE GEX	A22D	𠂇	YI SYLLABLE GGUP
A1F0	𠂇	YI SYLLABLE GE	A22E	𠂇	YI SYLLABLE GGURX
A1F1	𠂇	YI SYLLABLE GEP	A22F	𠂇	YI SYLLABLE GGUR
A1F2	𠂇	YI SYLLABLE GUT	A230	𠂇	YI SYLLABLE MGIEX
A1F3	𠂇	YI SYLLABLE GUX	A231	𠂇	YI SYLLABLE MGIE
A1F4	𠂇	YI SYLLABLE GU	A232	𠂇	YI SYLLABLE MGAT
A1F5	𠂇	YI SYLLABLE GUP	A233	𠂇	YI SYLLABLE MGAX
A1F6	𠂇	YI SYLLABLE GURX	A234	𠂇	YI SYLLABLE MGA
A1F7	𠂇	YI SYLLABLE GUR	A235	𠂇	YI SYLLABLE MGAP
A1F8	𠂇	YI SYLLABLE KIT	A236	𠂇	YI SYLLABLE MGUOX
A1F9	𠂇	YI SYLLABLE KIX	A237	𠂇	YI SYLLABLE MGUO
A1FA	𠂇	YI SYLLABLE KI	A238	𠂇	YI SYLLABLE MGUOP
A1FB	𠂇	YI SYLLABLE KIP	A239	𠂇	YI SYLLABLE MGOT
A1FC	𠂇	YI SYLLABLE KIEX	A23A	𠂇	YI SYLLABLE MGOX
A1FD	𠂇	YI SYLLABLE KIE	A23B	𠂇	YI SYLLABLE MGO
A1FE	𠂇	YI SYLLABLE KIEP	A23C	𠂇	YI SYLLABLE MGOP
A1FF	𠂇	YI SYLLABLE KAT	A23D	𠂇	YI SYLLABLE MGEX
A200	𠂇	YI SYLLABLE KAX	A23E	𠂇	YI SYLLABLE MGE
A201	𠂇	YI SYLLABLE KA	A23F	𠂇	YI SYLLABLE MGEP
A202	𠂇	YI SYLLABLE KAP	A240	𠂇	YI SYLLABLE MGUT
A203	𠂇	YI SYLLABLE KUOX	A241	𠂇	YI SYLLABLE MGUX
A204	𠂇	YI SYLLABLE KUO	A242	𠂇	YI SYLLABLE MGU
A205	𠂇	YI SYLLABLE KUOP	A243	𠂇	YI SYLLABLE MGUP
A206	𠂇	YI SYLLABLE KOT	A244	𠂇	YI SYLLABLE MGURX
A207	𠂇	YI SYLLABLE KOX	A245	𠂇	YI SYLLABLE MGUR
A208	𠂇	YI SYLLABLE KO	A246	𠂇	YI SYLLABLE HXIT
A209	𠂇	YI SYLLABLE KOP	A247	𠂇	YI SYLLABLE HXIX
A20A	𠂇	YI SYLLABLE KET	A248	𠂇	YI SYLLABLE HXI
A20B	𠂇	YI SYLLABLE KEX	A249	𠂇	YI SYLLABLE HXIP
A20C	𠂇	YI SYLLABLE KE	A24A	𠂇	YI SYLLABLE HXIET
A20D	𠂇	YI SYLLABLE KEP	A24B	𠂇	YI SYLLABLE HXIEX
A20E	𠂇	YI SYLLABLE KUT	A24C	𠂇	YI SYLLABLE HXIE
A20F	𠂇	YI SYLLABLE KUX	A24D	𠂇	YI SYLLABLE HXIEP
A210	𠂇	YI SYLLABLE KU	A24E	𠂇	YI SYLLABLE HXAT
A211	𠂇	YI SYLLABLE KUP	A24F	𠂇	YI SYLLABLE HXAX
A212	𠂇	YI SYLLABLE KURX	A250	𠂇	YI SYLLABLE HXA
A213	𠂇	YI SYLLABLE KUR	A251	𠂇	YI SYLLABLE HXAP
A214	𠂇	YI SYLLABLE GGIT	A252	𠂇	YI SYLLABLE HXUOT
A215	𠂇	YI SYLLABLE GGIX	A253	𠂇	YI SYLLABLE HXUOX
A216	𠂇	YI SYLLABLE GGI	A254	𠂇	YI SYLLABLE HXUO
A217	𠂇	YI SYLLABLE GGIEX	A255	𠂇	YI SYLLABLE HXUOP
A218	𠂇	YI SYLLABLE GGINE	A256	𠂇	YI SYLLABLE HXOT
A219	𠂇	YI SYLLABLE GGIEP	A257	𠂇	YI SYLLABLE HXOX
A21A	𠂇	YI SYLLABLE GGAT	A258	𠂇	YI SYLLABLE HXO
A21B	𠂇	YI SYLLABLE GGAX	A259	𠂇	YI SYLLABLE HXOP
A21C	𠂇	YI SYLLABLE GGA	A25A	𠂇	YI SYLLABLE HXEX
A21D	𠂇	YI SYLLABLE GGAP	A25B	𠂇	YI SYLLABLE HXE
A21E	𠂇	YI SYLLABLE GGUOT	A25C	𠂇	YI SYLLABLE HXEP
A21F	𠂇	YI SYLLABLE GGUOX	A25D	𠂇	YI SYLLABLE NGIEX
A220	𠂇	YI SYLLABLE GGUO	A25E	𠂇	YI SYLLABLE NGIE
A221	𠂇	YI SYLLABLE GGUOP	A25F	𠂇	YI SYLLABLE NGIEP
A222	𠂇	YI SYLLABLE GGOT	A260	𠂇	YI SYLLABLE NGAT
A223	𠂇	YI SYLLABLE GGOX	A261	𠂇	YI SYLLABLE NGAX
A224	𠂇	YI SYLLABLE GGO	A262	𠂇	YI SYLLABLE NGA
A225	𠂇	YI SYLLABLE GGOP	A263	𠂇	YI SYLLABLE NGAP
A226	𠂇	YI SYLLABLE GGET	A264	𠂇	YI SYLLABLE NGUOT

A265

A265	Ӣ	YI SYLLABLE NGUOX
A266	Ӣ	YI SYLLABLE NGUO
A267	Ӣ	YI SYLLABLE NGOT
A268	Ӣ	YI SYLLABLE NGOX
A269	Ӣ	YI SYLLABLE NGO
A26A	Ӣ	YI SYLLABLE NGOP
A26B	Ӣ	YI SYLLABLE NGEX
A26C	Ӣ	YI SYLLABLE NGE
A26D	Ӣ	YI SYLLABLE NGEP
A26E	Ӣ	YI SYLLABLE HIT
A26F	Ӣ	YI SYLLABLE HIEX
A270	Ӣ	YI SYLLABLE HIE
A271	Ӣ	YI SYLLABLE HAT
A272	Ӣ	YI SYLLABLE HAX
A273	Ӣ	YI SYLLABLE HA
A274	Ӣ	YI SYLLABLE HAP
A275	Ӣ	YI SYLLABLE HUOT
A276	Ӣ	YI SYLLABLE HUOX
A277	Ӣ	YI SYLLABLE HUO
A278	Ӣ	YI SYLLABLE HUOP
A279	Ӣ	YI SYLLABLE HOT
A27A	Ӣ	YI SYLLABLE HOX
A27B	Ӣ	YI SYLLABLE HO
A27C	Ӣ	YI SYLLABLE HOP
A27D	Ӣ	YI SYLLABLE HEX
A27E	Ӣ	YI SYLLABLE HE
A27F	Ӣ	YI SYLLABLE HEP
A280	Ӣ	YI SYLLABLE WAT
A281	Ӣ	YI SYLLABLE WAX
A282	Ӣ	YI SYLLABLE WA
A283	Ӣ	YI SYLLABLE WAP
A284	Ӣ	YI SYLLABLE WUOX
A285	Ӣ	YI SYLLABLE WUO
A286	Ӣ	YI SYLLABLE WUOP
A287	Ӣ	YI SYLLABLE WOX
A288	Ӣ	YI SYLLABLE WO
A289	Ӣ	YI SYLLABLE WOP
A28A	Ӣ	YI SYLLABLE WEX
A28B	Ӣ	YI SYLLABLE WE
A28C	Ӣ	YI SYLLABLE WEP
A28D	Ӣ	YI SYLLABLE ZIT
A28E	Ӣ	YI SYLLABLE ZIX
A28F	Ӣ	YI SYLLABLE ZI
A290	Ӣ	YI SYLLABLE ZIP
A291	Ӣ	YI SYLLABLE ZIEX
A292	Ӣ	YI SYLLABLE ZIE
A293	Ӣ	YI SYLLABLE ZIEP
A294	Ӣ	YI SYLLABLE ZAT
A295	Ӣ	YI SYLLABLE ZAX
A296	Ӣ	YI SYLLABLE ZA
A297	Ӣ	YI SYLLABLE ZAP
A298	Ӣ	YI SYLLABLE ZUOX
A299	Ӣ	YI SYLLABLE ZUO
A29A	Ӣ	YI SYLLABLE ZUOP
A29B	Ӣ	YI SYLLABLE ZOT
A29C	Ӣ	YI SYLLABLE ZOX
A29D	Ӣ	YI SYLLABLE ZO
A29E	Ӣ	YI SYLLABLE ZOP
A29F	Ӣ	YI SYLLABLE ZEX
A2A0	Ӣ	YI SYLLABLE ZE
A2A1	Ӣ	YI SYLLABLE ZEP
A2A2	Ӣ	YI SYLLABLE ZUT

## Yi Syllables

A2E0

A2A3	Ӣ	YI SYLLABLE ZUX
A2A4	Ӣ	YI SYLLABLE ZU
A2A5	Ӣ	YI SYLLABLE ZUP
A2A6	Ӣ	YI SYLLABLE ZURX
A2A7	Ӣ	YI SYLLABLE ZUR
A2A8	Ӣ	YI SYLLABLE ZYT
A2A9	Ӣ	YI SYLLABLE ZYX
A2AA	Ӣ	YI SYLLABLE ZY
A2AB	Ӣ	YI SYLLABLE ZYP
A2AC	Ӣ	YI SYLLABLE ZYRX
A2AD	Ӣ	YI SYLLABLE ZYR
A2AE	Ӣ	YI SYLLABLE CIT
A2AF	Ӣ	YI SYLLABLE CIX
A2B0	Ӣ	YI SYLLABLE CI
A2B1	Ӣ	YI SYLLABLE CIP
A2B2	Ӣ	YI SYLLABLE CIET
A2B3	Ӣ	YI SYLLABLE CIEX
A2B4	Ӣ	YI SYLLABLE CIE
A2B5	Ӣ	YI SYLLABLE CIEP
A2B6	Ӣ	YI SYLLABLE CAT
A2B7	Ӣ	YI SYLLABLE CAX
A2B8	Ӣ	YI SYLLABLE CA
A2B9	Ӣ	YI SYLLABLE CAP
A2BA	Ӣ	YI SYLLABLE CUOX
A2BB	Ӣ	YI SYLLABLE CUO
A2BC	Ӣ	YI SYLLABLE CUOP
A2BD	Ӣ	YI SYLLABLE COT
A2BE	Ӣ	YI SYLLABLE COX
A2BF	Ӣ	YI SYLLABLE CO
A2C0	Ӣ	YI SYLLABLE COP
A2C1	Ӣ	YI SYLLABLE CEX
A2C2	Ӣ	YI SYLLABLE CE
A2C3	Ӣ	YI SYLLABLE CEP
A2C4	Ӣ	YI SYLLABLE CUT
A2C5	Ӣ	YI SYLLABLE CUX
A2C6	Ӣ	YI SYLLABLE CU
A2C7	Ӣ	YI SYLLABLE CUP
A2C8	Ӣ	YI SYLLABLE CURX
A2C9	Ӣ	YI SYLLABLE CUR
A2CA	Ӣ	YI SYLLABLE CYT
A2CB	Ӣ	YI SYLLABLE CYX
A2CC	Ӣ	YI SYLLABLE CY
A2CD	Ӣ	YI SYLLABLE CYP
A2CE	Ӣ	YI SYLLABLE CYRX
A2CF	Ӣ	YI SYLLABLE CYR
A2D0	Ӣ	YI SYLLABLE ZZIT
A2D1	Ӣ	YI SYLLABLE ZZIX
A2D2	Ӣ	YI SYLLABLE ZZI
A2D3	Ӣ	YI SYLLABLE ZZIP
A2D4	Ӣ	YI SYLLABLE ZZIET
A2D5	Ӣ	YI SYLLABLE ZZIEX
A2D6	Ӣ	YI SYLLABLE ZZIE
A2D7	Ӣ	YI SYLLABLE ZZIEP
A2D8	Ӣ	YI SYLLABLE ZZAT
A2D9	Ӣ	YI SYLLABLE ZZAX
A2DA	Ӣ	YI SYLLABLE ZZA
A2DB	Ӣ	YI SYLLABLE ZZAP
A2DC	Ӣ	YI SYLLABLE ZZOX
A2DD	Ӣ	YI SYLLABLE ZZO
A2DE	Ӣ	YI SYLLABLE ZZOP
A2DF	Ӣ	YI SYLLABLE ZZEX
A2E0	Ӣ	YI SYLLABLE ZZE

A2E1

## Yi Syllables

A35C

A2E1	𠂇	YI SYLLABLE ZZEP	A31F	𠂇	YI SYLLABLE SUX
A2E2	𠂇	YI SYLLABLE ZZUX	A320	𠂇	YI SYLLABLE SU
A2E3	𠂇	YI SYLLABLE ZZU	A321	𠂇	YI SYLLABLE SUP
A2E4	𠂇	YI SYLLABLE ZZUP	A322	𠂇	YI SYLLABLE SURX
A2E5	𠂇	YI SYLLABLE ZZURX	A323	𠂇	YI SYLLABLE SUR
A2E6	𠂇	YI SYLLABLE ZZUR	A324	𠂇	YI SYLLABLE SYT
A2E7	𠂇	YI SYLLABLE ZZYT	A325	𠂇	YI SYLLABLE SYX
A2E8	𠂇	YI SYLLABLE ZZYX	A326	𠂇	YI SYLLABLE SY
A2E9	𠂇	YI SYLLABLE ZZY	A327	𠂇	YI SYLLABLE SYP
A2EA	𠂇	YI SYLLABLE ZZYP	A328	𠂇	YI SYLLABLE SYRX
A2EB	𠂇	YI SYLLABLE ZZYRX	A329	𠂇	YI SYLLABLE SYR
A2EC	𠂇	YI SYLLABLE ZZYR	A32A	𠂇	YI SYLLABLE SSIT
A2ED	𠂇	YI SYLLABLE NZIT	A32B	𠂇	YI SYLLABLE SSIX
A2EE	𠂇	YI SYLLABLE NZIX	A32C	𠂇	YI SYLLABLE SSI
A2EF	𠂇	YI SYLLABLE NZI	A32D	𠂇	YI SYLLABLE SSIP
A2F0	𠂇	YI SYLLABLE NZIP	A32E	𠂇	YI SYLLABLE SSIEX
A2F1	𠂇	YI SYLLABLE NZIEX	A32F	𠂇	YI SYLLABLE SSIE
A2F2	𠂇	YI SYLLABLE NZIE	A330	𠂇	YI SYLLABLE SSIEP
A2F3	𠂇	YI SYLLABLE NZIEP	A331	𠂇	YI SYLLABLE SSAT
A2F4	𠂇	YI SYLLABLE NZAT	A332	𠂇	YI SYLLABLE SSAX
A2F5	𠂇	YI SYLLABLE NZAX	A333	𠂇	YI SYLLABLE SSA
A2F6	𠂇	YI SYLLABLE NZA	A334	𠂇	YI SYLLABLE SSAP
A2F7	𠂇	YI SYLLABLE NZAP	A335	𠂇	YI SYLLABLE SSOT
A2F8	𠂇	YI SYLLABLE NZUOX	A336	𠂇	YI SYLLABLE SSOX
A2F9	𠂇	YI SYLLABLE NZUO	A337	𠂇	YI SYLLABLE SSO
A2FA	𠂇	YI SYLLABLE NZOX	A338	𠂇	YI SYLLABLE SSOP
A2FB	𠂇	YI SYLLABLE NZOP	A339	𠂇	YI SYLLABLE SSEX
A2FC	𠂇	YI SYLLABLE NZEX	A33A	𠂇	YI SYLLABLE SSE
A2FD	𠂇	YI SYLLABLE NZE	A33B	𠂇	YI SYLLABLE SSEP
A2FE	𠂇	YI SYLLABLE NZUX	A33C	𠂇	YI SYLLABLE SSUT
A2FF	𠂇	YI SYLLABLE NZU	A33D	𠂇	YI SYLLABLE SSUX
A300	𠂇	YI SYLLABLE NZUP	A33E	𠂇	YI SYLLABLE SSU
A301	𠂇	YI SYLLABLE NZURX	A33F	𠂇	YI SYLLABLE SSUP
A302	𠂇	YI SYLLABLE NZUR	A340	𠂇	YI SYLLABLE SSYT
A303	𠂇	YI SYLLABLE NZYT	A341	𠂇	YI SYLLABLE SSYX
A304	𠂇	YI SYLLABLE NZYX	A342	𠂇	YI SYLLABLE SSY
A305	𠂇	YI SYLLABLE NZY	A343	𠂇	YI SYLLABLE SSYP
A306	𠂇	YI SYLLABLE NZYP	A344	𠂇	YI SYLLABLE SSYRX
A307	𠂇	YI SYLLABLE NZYRX	A345	𠂇	YI SYLLABLE SSYR
A308	𠂇	YI SYLLABLE NZYR	A346	𠂇	YI SYLLABLE ZHAT
A309	𠂇	YI SYLLABLE SIT	A347	𠂇	YI SYLLABLE ZHAX
A30A	𠂇	YI SYLLABLE SIX	A348	𠂇	YI SYLLABLE ZHA
A30B	𠂇	YI SYLLABLE SI	A349	𠂇	YI SYLLABLE ZHAP
A30C	𠂇	YI SYLLABLE SIP	A34A	𠂇	YI SYLLABLE ZHUOX
A30D	𠂇	YI SYLLABLE SIEX	A34B	𠂇	YI SYLLABLE ZHUO
A30E	𠂇	YI SYLLABLE SIE	A34C	𠂇	YI SYLLABLE ZHUOP
A30F	𠂇	YI SYLLABLE SIEP	A34D	𠂇	YI SYLLABLE ZHOT
A310	𠂇	YI SYLLABLE SAT	A34E	𠂇	YI SYLLABLE ZHOX
A311	𠂇	YI SYLLABLE SAX	A34F	𠂇	YI SYLLABLE ZHO
A312	𠂇	YI SYLLABLE SA	A350	𠂇	YI SYLLABLE ZHOP
A313	𠂇	YI SYLLABLE SAP	A351	𠂇	YI SYLLABLE ZHET
A314	𠂇	YI SYLLABLE SUOX	A352	𠂇	YI SYLLABLE ZHEX
A315	𠂇	YI SYLLABLE SUO	A353	𠂇	YI SYLLABLE ZHE
A316	𠂇	YI SYLLABLE SUOP	A354	𠂇	YI SYLLABLE ZHEP
A317	𠂇	YI SYLLABLE SOT	A355	𠂇	YI SYLLABLE ZHUT
A318	𠂇	YI SYLLABLE SOX	A356	𠂇	YI SYLLABLE ZHUX
A319	𠂇	YI SYLLABLE SO	A357	𠂇	YI SYLLABLE ZHU
A31A	𠂇	YI SYLLABLE SOP	A358	𠂇	YI SYLLABLE ZHUP
A31B	𠂇	YI SYLLABLE SEX	A359	𠂇	YI SYLLABLE ZHUR
A31C	𠂇	YI SYLLABLE SE	A35A	𠂇	YI SYLLABLE ZHUR
A31D	𠂇	YI SYLLABLE SEP	A35B	𠂇	YI SYLLABLE ZHYT
A31E	𠂇	YI SYLLABLE SUT	A35C	𠂇	YI SYLLABLE ZHYX

A35D

## Yi Syllables

A3D8

A35D	ᠶ	YI SYLLABLE ZHY	A39B	ᠶ	YI SYLLABLE NRET
A35E	ᠶ	YI SYLLABLE ZHYP	A39C	ᠶ	YI SYLLABLE NREX
A35F	ᠶ	YI SYLLABLE ZHYRX	A39D	ᠶ	YI SYLLABLE NRE
A360	ᠶ	YI SYLLABLE ZHYR	A39E	ᠶ	YI SYLLABLE NREP
A361	ᠶ	YI SYLLABLE CHAT	A39F	ᠶ	YI SYLLABLE NRUT
A362	ᠶ	YI SYLLABLE CHAX	A3A0	ᠶ	YI SYLLABLE NRUX
A363	ᠶ	YI SYLLABLE CHA	A3A1	ᠶ	YI SYLLABLE NRU
A364	ᠶ	YI SYLLABLE CHAP	A3A2	ᠶ	YI SYLLABLE NRUP
A365	ᠶ	YI SYLLABLE CHUOT	A3A3	ᠶ	YI SYLLABLE NRURX
A366	ᠶ	YI SYLLABLE CHUOX	A3A4	ᠶ	YI SYLLABLE NRUR
A367	ᠶ	YI SYLLABLE CHUO	A3A5	ᠶ	YI SYLLABLE NRYT
A368	ᠶ	YI SYLLABLE CHUOP	A3A6	ᠶ	YI SYLLABLE NRYX
A369	ᠶ	YI SYLLABLE CHOT	A3A7	ᠶ	YI SYLLABLE NRY
A36A	ᠶ	YI SYLLABLE CHOX	A3A8	ᠶ	YI SYLLABLE NRYP
A36B	ᠶ	YI SYLLABLE CHO	A3A9	ᠶ	YI SYLLABLE NRYRX
A36C	ᠶ	YI SYLLABLE CHOP	A3AA	ᠶ	YI SYLLABLE NRYR
A36D	ᠶ	YI SYLLABLE CHET	A3AB	ᠶ	YI SYLLABLE SHAT
A36E	ᠶ	YI SYLLABLE CHEX	A3AC	ᠶ	YI SYLLABLE SHAX
A36F	ᠶ	YI SYLLABLE CHE	A3AD	ᠶ	YI SYLLABLE SHA
A370	ᠶ	YI SYLLABLE CHEP	A3AE	ᠶ	YI SYLLABLE SHAP
A371	ᠶ	YI SYLLABLE CHUX	A3AF	ᠶ	YI SYLLABLE SHUOX
A372	ᠶ	YI SYLLABLE CHU	A3B0	ᠶ	YI SYLLABLE SHUO
A373	ᠶ	YI SYLLABLE CHUP	A3B1	ᠶ	YI SYLLABLE SHUOP
A374	ᠶ	YI SYLLABLE CHURX	A3B2	ᠶ	YI SYLLABLE SHOT
A375	ᠶ	YI SYLLABLE CHUR	A3B3	ᠶ	YI SYLLABLE SHOX
A376	ᠶ	YI SYLLABLE CHYT	A3B4	ᠶ	YI SYLLABLE SHO
A377	ᠶ	YI SYLLABLE CHYX	A3B5	ᠶ	YI SYLLABLE SHOP
A378	ᠶ	YI SYLLABLE CHY	A3B6	ᠶ	YI SYLLABLE SHET
A379	ᠶ	YI SYLLABLE CHYP	A3B7	ᠶ	YI SYLLABLE SHEX
A37A	ᠶ	YI SYLLABLE CHYRX	A3B8	ᠶ	YI SYLLABLE SHE
A37B	ᠶ	YI SYLLABLE CHYR	A3B9	ᠶ	YI SYLLABLE SHEP
A37C	ᠶ	YI SYLLABLE RRAX	A3BA	ᠶ	YI SYLLABLE SHUT
A37D	ᠶ	YI SYLLABLE RRA	A3BB	ᠶ	YI SYLLABLE SHUX
A37E	ᠶ	YI SYLLABLE RRUOX	A3BC	ᠶ	YI SYLLABLE SHU
A37F	ᠶ	YI SYLLABLE RRUO	A3BD	ᠶ	YI SYLLABLE SHUP
A380	ᠶ	YI SYLLABLE RROT	A3BE	ᠶ	YI SYLLABLE SHURX
A381	ᠶ	YI SYLLABLE RROX	A3BF	ᠶ	YI SYLLABLE SHUR
A382	ᠶ	YI SYLLABLE RRO	A3C0	ᠶ	YI SYLLABLE SHYT
A383	ᠶ	YI SYLLABLE RROP	A3C1	ᠶ	YI SYLLABLE SHYX
A384	ᠶ	YI SYLLABLE RRET	A3C2	ᠶ	YI SYLLABLE SHY
A385	ᠶ	YI SYLLABLE RREX	A3C3	ᠶ	YI SYLLABLE SHYP
A386	ᠶ	YI SYLLABLE RRE	A3C4	ᠶ	YI SYLLABLE SHYRX
A387	ᠶ	YI SYLLABLE RRREP	A3C5	ᠶ	YI SYLLABLE SHYR
A388	ᠶ	YI SYLLABLE RRUT	A3C6	ᠶ	YI SYLLABLE RAT
A389	ᠶ	YI SYLLABLE RRUX	A3C7	ᠶ	YI SYLLABLE RAX
A38A	ᠶ	YI SYLLABLE RRU	A3C8	ᠶ	YI SYLLABLE RA
A38B	ᠶ	YI SYLLABLE RRUP	A3C9	ᠶ	YI SYLLABLE RAP
A38C	ᠶ	YI SYLLABLE RRURX	A3CA	ᠶ	YI SYLLABLE RUOX
A38D	ᠶ	YI SYLLABLE RRUR	A3CB	ᠶ	YI SYLLABLE RUO
A38E	ᠶ	YI SYLLABLE RRYT	A3CC	ᠶ	YI SYLLABLE RUOP
A38F	ᠶ	YI SYLLABLE RRYX	A3CD	ᠶ	YI SYLLABLE ROT
A390	ᠶ	YI SYLLABLE RRY	A3CE	ᠶ	YI SYLLABLE ROX
A391	ᠶ	YI SYLLABLE RRYP	A3CF	ᠶ	YI SYLLABLE RO
A392	ᠶ	YI SYLLABLE RRYRX	A3D0	ᠶ	YI SYLLABLE ROP
A393	ᠶ	YI SYLLABLE RRYR	A3D1	ᠶ	YI SYLLABLE REX
A394	ᠶ	YI SYLLABLE NRAT	A3D2	ᠶ	YI SYLLABLE RE
A395	ᠶ	YI SYLLABLE NRAX	A3D3	ᠶ	YI SYLLABLE REP
A396	ᠶ	YI SYLLABLE NRA	A3D4	ᠶ	YI SYLLABLE RUT
A397	ᠶ	YI SYLLABLE NRAP	A3D5	ᠶ	YI SYLLABLE RUX
A398	ᠶ	YI SYLLABLE NROX	A3D6	ᠶ	YI SYLLABLE RU
A399	ᠶ	YI SYLLABLE NRO	A3D7	ᠶ	YI SYLLABLE RUP
A39A	ᠶ	YI SYLLABLE NRQP	A3D8	ᠶ	YI SYLLABLE RURX

A3D9

## Yi Syllables

A454

A3D9	*	YI SYLLABLE RUR	A417	*	YI SYLLABLE QYR
A3DA	*	YI SYLLABLE RYT	A418	*	YI SYLLABLE JJIT
A3DB	*	YI SYLLABLE RYX	A419	#	YI SYLLABLE JJIX
A3DC	*	YI SYLLABLE RY	A41A	#	YI SYLLABLE JJI
A3DD	*	YI SYLLABLE RYP	A41B	*	YI SYLLABLE JJIP
A3DE	*	YI SYLLABLE RYRX	A41C	*	YI SYLLABLE JJIET
A3DF	*	YI SYLLABLE RYR	A41D	*	YI SYLLABLE JJIEX
A3E0	*	YI SYLLABLE JIT	A41E	*	YI SYLLABLE JJIIE
A3E1	*	YI SYLLABLE JIX	A41F	*	YI SYLLABLE JJIEP
A3E2	*	YI SYLLABLE JI	A420	*	YI SYLLABLE JIUOX
A3E3	*	YI SYLLABLE JIP	A421	*	YI SYLLABLE JIUO
A3E4	*	YI SYLLABLE JIET	A422	*	YI SYLLABLE JIUOP
A3E5	*	YI SYLLABLE JIEX	A423	*	YI SYLLABLE JIOT
A3E6	*	YI SYLLABLE JIE	A424	*	YI SYLLABLE JJOX
A3E7	*	YI SYLLABLE JIEP	A425	*	YI SYLLABLE JJO
A3E8	*	YI SYLLABLE JUOT	A426	*	YI SYLLABLE JJOOP
A3E9	*	YI SYLLABLE JUOX	A427	00	YI SYLLABLE JJUT
A3EA	*	YI SYLLABLE JUO	A428	*	YI SYLLABLE JJUX
A3EB	*	YI SYLLABLE JUOP	A429	*	YI SYLLABLE JJJ
A3EC	*	YI SYLLABLE JOT	A42A	00	YI SYLLABLE JJUP
A3ED	*	YI SYLLABLE JOX	A42B	*	YI SYLLABLE JJURX
A3EE	*	YI SYLLABLE JO	A42C	*	YI SYLLABLE JJUR
A3EF	*	YI SYLLABLE JOP	A42D	*	YI SYLLABLE JJYT
A3F0	*	YI SYLLABLE JUT	A42E	*	YI SYLLABLE JJYX
A3F1	*	YI SYLLABLE JUX	A42F	*	YI SYLLABLE JJY
A3F2	*	YI SYLLABLE JU	A430	*	YI SYLLABLE JJYP
A3F3	*	YI SYLLABLE JUP	A431	*	YI SYLLABLE NJIT
A3F4	*	YI SYLLABLE JURX	A432	*	YI SYLLABLE NJIX
A3F5	*	YI SYLLABLE JUR	A433	*	YI SYLLABLE NJI
A3F6	*	YI SYLLABLE JYT	A434	*	YI SYLLABLE NJIP
A3F7	*	YI SYLLABLE JYX	A435	*	YI SYLLABLE NJIET
A3F8	*	YI SYLLABLE JY	A436	*	YI SYLLABLE NJIEX
A3F9	*	YI SYLLABLE JYP	A437	*	YI SYLLABLE NJIE
A3FA	*	YI SYLLABLE JYRX	A438	*	YI SYLLABLE NJIEP
A3FB	*	YI SYLLABLE JYR	A439	*	YI SYLLABLE NUOX
A3FC	*	YI SYLLABLE QIT	A43A	*	YI SYLLABLE NUO
A3FD	*	YI SYLLABLE QIX	A43B	*	YI SYLLABLE NJOT
A3FE	*	YI SYLLABLE QI	A43C	*	YI SYLLABLE NJOX
A3FF	0	YI SYLLABLE QIP	A43D	*	YI SYLLABLE NJO
A400	*	YI SYLLABLE QIET	A43E	*	YI SYLLABLE NJOP
A401	*	YI SYLLABLE QIEX	A43F	*	YI SYLLABLE NJUX
A402	*	YI SYLLABLE QIE	A440	*	YI SYLLABLE NUJ
A403	*	YI SYLLABLE QIEP	A441	*	YI SYLLABLE NJUP
A404	*	YI SYLLABLE QUOT	A442	*	YI SYLLABLE NJURX
A405	*	YI SYLLABLE QUOX	A443	*	YI SYLLABLE NJUR
A406	*	YI SYLLABLE QUO	A444	*	YI SYLLABLE NJYT
A407	*	YI SYLLABLE QUOP	A445	*	YI SYLLABLE NJYX
A408	*	YI SYLLABLE QOT	A446	*	YI SYLLABLE NJY
A409	*	YI SYLLABLE QOX	A447	*	YI SYLLABLE NJYP
A40A	*	YI SYLLABLE QO	A448	*	YI SYLLABLE NJYRX
A40B	0	YI SYLLABLE QOP	A449	*	YI SYLLABLE NJYR
A40C	0	YI SYLLABLE QUT	A44A	*	YI SYLLABLE NYIT
A40D	0	YI SYLLABLE QUX	A44B	*	YI SYLLABLE NYIX
A40E	0	YI SYLLABLE QU	A44C	*	YI SYLLABLE NYI
A40F	*	YI SYLLABLE QUP	A44D	*	YI SYLLABLE NYIP
A410	0	YI SYLLABLE QURX	A44E	*	YI SYLLABLE NYIET
A411	0	YI SYLLABLE QUR	A44F	*	YI SYLLABLE NYIEX
A412	*	YI SYLLABLE QYT	A450	*	YI SYLLABLE NYIE
A413	*	YI SYLLABLE QYX	A451	*	YI SYLLABLE NYIEP
A414	*	YI SYLLABLE QY	A452	*	YI SYLLABLE NYUOX
A415	*	YI SYLLABLE QYP	A453	*	YI SYLLABLE NYUO
A416	*	YI SYLLABLE QYRX	A454	*	YI SYLLABLE NYUOP

A455	*	YI SYLLABLE NYOT
A456	*	YI SYLLABLE NYOX
A457	*	YI SYLLABLE NYO
A458	*	YI SYLLABLE NYOP
A459	*	YI SYLLABLE NYUT
A45A	*	YI SYLLABLE NYUX
A45B	*	YI SYLLABLE NYU
A45C	*	YI SYLLABLE NYUP
A45D	*	YI SYLLABLE XIT
A45E	*	YI SYLLABLE XIX
A45F	*	YI SYLLABLE XI
A460	*	YI SYLLABLE XIP
A461	*	YI SYLLABLE XIET
A462	*	YI SYLLABLE XIEX
A463	*	YI SYLLABLE XIE
A464	*	YI SYLLABLE XIEP
A465	*	YI SYLLABLE XUOX
A466	*	YI SYLLABLE XUO
A467	*	YI SYLLABLE XOT
A468	*	YI SYLLABLE XOX
A469	*	YI SYLLABLE XO
A46A	*	YI SYLLABLE XOP
A46B	*	YI SYLLABLE XYT
A46C	*	YI SYLLABLE XYX
A46D	*	YI SYLLABLE XY
A46E	*	YI SYLLABLE XYP
A46F	*	YI SYLLABLE XYRX
A470	*	YI SYLLABLE XYR
A471	*	YI SYLLABLE YIT
A472	*	YI SYLLABLE YIX
A473	*	YI SYLLABLE YI
A474	*	YI SYLLABLE YIP
A475	*	YI SYLLABLE YIET
A476	*	YI SYLLABLE YIEX
A477	*	YI SYLLABLE YIE
A478	*	YI SYLLABLE YIEP
A479	*	YI SYLLABLE YUOT
A47A	*	YI SYLLABLE YUOX
A47B	*	YI SYLLABLE YUO
A47C	*	YI SYLLABLE YUOP
A47D	*	YI SYLLABLE YOT
A47E	*	YI SYLLABLE YOX
A47F	*	YI SYLLABLE YO
A480	*	YI SYLLABLE YOP
A481	*	YI SYLLABLE YUT
A482	*	YI SYLLABLE YUX
A483	*	YI SYLLABLE YU
A484	*	YI SYLLABLE YUP
A485	*	YI SYLLABLE YURX
A486	*	YI SYLLABLE YUR
A487	*	YI SYLLABLE YYT
A488	*	YI SYLLABLE YYX
A489	*	YI SYLLABLE YY
A48A	*	YI SYLLABLE YYP
A48B	*	YI SYLLABLE YYRX
A48C	*	YI SYLLABLE YYR

A490

## Yi Radicals

A4CF

	A49	A4A	A4B	A4C
0	丨 A490	匚 A4A0	𡇤 A4B0	𠂊 A4C0
1	丨 A491	𠂔 A4A1	𢃥 A4B1	𠂊 A4C1
2	匚 A492	𠂔 A4A2	𡇤 A4B2	𠂊 A4C2
3	匚 A493	𠂔 A4A3	𢃥 A4B3	𠂊 A4C3
4	𠂔 A494	𠂔 A4A4	𢃥 A4B4	𠂊 A4C4
5	𢃥 A495	𠂔 A4A5	𢃥 A4B5	𠂊 A4C5
6	𠂔 A496	𠂔 A4A6	𢃥 A4B6	𠂊 A4C6
7	𢃥 A497	𢃥 A4A7	𢃥 A4B7	
8	𢃥 A498	𢃥 A4A8	𢃥 A4B8	
9	𢃥 A499	𢃥 A4A9	𢃥 A4B9	
A	𢃥 A49A	𢃥 A4AA	𢃥 A4BA	
B	丨 A49B	△ A4AB	𠂔 A4BB	
C	匚 A49C	𠂔 A4AC	𢃥 A4BC	
D	𢃥 A49D	𠂔 A4AD	𢃥 A4BD	
E	𢃥 A49E	𠂔 A4AE	𢃥 A4BE	
F	𢃥 A49F	𠂔 A4AF	𢃥 A4BF	

## Yi radicals

*Yi radicals are named based on the Yi syllable their shape is abstracted from. This is illustrated with crossreferences for the first two radicals.*

A490	丨 YI RADICAL QOT → A408 𠂔 yi syllable qot
A491	𠂔 YI RADICAL LI → A1B9 𠂔 yi syllable li
A492	𠂔 YI RADICAL KIT
A493	𠂔 YI RADICAL NYIP
A494	𠂔 YI RADICAL CYP
A495	𠂔 YI RADICAL SSI
A496	𠂔 YI RADICAL GGOP
A497	𠂔 YI RADICAL GEP
A498	𠂔 YI RADICAL MI
A499	𠂔 YI RADICAL HXIT
A49A	𠂔 YI RADICAL LYR
A49B	𠂔 YI RADICAL BBUT
A49C	𠂔 YI RADICAL MOP
A49D	𠂔 YI RADICAL YO
A49E	𠂔 YI RADICAL PUT
A49F	𠂔 YI RADICAL HXUO
A4A0	𠂔 YI RADICAL TAT
A4A1	𠂔 YI RADICAL GA
A4A2	𠂔 YI RADICAL ZUP
A4A3	𠂔 YI RADICAL CYT
A4A4	𠂔 YI RADICAL DDUR
A4A5	𠂔 YI RADICAL BUR
A4A6	𠂔 YI RADICAL GGUO
A4A7	𠂔 YI RADICAL NYOP
A4A8	𠂔 YI RADICAL TU
A4A9	𠂔 YI RADICAL OP
A4AA	𠂔 YI RADICAL JJUT
A4AB	𠂔 YI RADICAL ZOT
A4AC	𠂔 YI RADICAL PYT
A4AD	𠂔 YI RADICAL HMO
A4AE	𠂔 YI RADICAL YIT
A4AF	𠂔 YI RADICAL VUR
A4B0	𠂔 YI RADICAL SHY
A4B1	𢃥 YI RADICAL VEP
A4B2	𢃥 YI RADICAL ZA
A4B3	𢃥 YI RADICAL JO
A4B4	𢃥 YI RADICAL NZUP
A4B5	𢃥 YI RADICAL JJY
A4B6	𢃥 YI RADICAL GOT
A4B7	𢃥 YI RADICAL JJIE
A4B8	𢃥 YI RADICAL WO
A4B9	𢃥 YI RADICAL DU
A4BA	𢃥 YI RADICAL SHUR
A4BB	𠂔 YI RADICAL LIE
A4BC	𠂔 YI RADICAL CY
A4BD	𠂔 YI RADICAL CUOP
A4BE	𠂔 YI RADICAL CIP
A4BF	𠂔 YI RADICAL HXOP
A4C0	𠂔 YI RADICAL SHAT
A4C1	𠂔 YI RADICAL ZUR
A4C2	𢃥 YI RADICAL SHOP
A4C3	𢃥 YI RADICAL CHE
A4C4	𠂔 YI RADICAL ZZIET
A4C5	𠂔 YI RADICAL NBIE
A4C6	𠂔 YI RADICAL KE

	A4D	A4E	A4F
0	B A4D0	N A4E0	E A4F0
1	P A4D1	L A4E1	Ξ A4F1
2	Ԁ A4D2	S A4E2	I A4F2
3	D A4D3	R A4E3	O A4F3
4	T A4D4	R A4E4	U A4F4
5	׀ A4D5	Λ A4E5	ܻ A4F5
6	G A4D6	V A4E6	ܲ A4F6
7	K A4D7	H A4E7	ܺ A4F7
8	ܺ A4D8	ܹ A4E8	ܼ A4F8
9	J A4D9	ܴ A4E9	ܸ A4F9
A	C A4DA	ܻ A4EA	ܻܻ A4FA
B	ܻ A4DB	ܻܻ A4EB	ܻܻܻ A4FB
C	Z A4DC	ܻܻ A4EC	ܻܻܻ A4FC
D	F A4DD	ܻܻܻ A4ED	ܻܻܻܻ A4FD
E	ܻܻܻܻ A4DE	ܻܻܻܻܻ A4EE	ܻܻܻܻܻܻ A4FE
F	M A4DF	ܻܻܻܻܻܻ A4EF	ܻܻܻܻܻܻܻܻ A4FF

The name "Lisu" is preferred by the user community. Many linguists also use the name "Fraser" or "Fraser Lisu". Used for the Old Lisu orthography.

### Consonants

A4D0	B	LISU LETTER BA
A4D1	P	LISU LETTER PA
A4D2	Ԁ	LISU LETTER PHA
A4D3	D	LISU LETTER DA
A4D4	T	LISU LETTER TA
A4D5	ܾ	LISU LETTER THA
A4D6	G	LISU LETTER GA
A4D7	K	LISU LETTER KA
A4D8	ܿ	LISU LETTER KHA
A4D9	J	LISU LETTER JA
A4DA	C	LISU LETTER CA
A4DB	ܽ	LISU LETTER CHA
A4DC	Z	LISU LETTER DZA
A4DD	F	LISU LETTER TSA
A4DE	ܻ	LISU LETTER TSHA
A4DF	M	LISU LETTER MA
A4E0	N	LISU LETTER NA
A4E1	ܻ	LISU LETTER LA
A4E2	S	LISU LETTER SA
A4E3	R	LISU LETTER ZHA
A4E4	ܻ	LISU LETTER ZA
A4E5	ܻ	LISU LETTER NGA
A4E6	V	LISU LETTER HA
A4E7	ܻ	LISU LETTER XA
A4E8	ܻ	LISU LETTER HHA
A4E9	ܻ	LISU LETTER FA
A4EA	ܻ	LISU LETTER WA
A4EB	X	LISU LETTER SHA
A4EC	ܻ	LISU LETTER YA
A4ED	ܻ	LISU LETTER GHA

### Vowels

A4EE	A	LISU LETTER A
A4EF	ܻ	LISU LETTER AE
A4F0	E	LISU LETTER E
A4F1	ܻ	LISU LETTER EU
A4F2	I	LISU LETTER I
A4F3	ܻ	LISU LETTER O
A4F4	ܻ	LISU LETTER U
A4F5	ܻ	LISU LETTER UE
A4F6	ܻ	LISU LETTER UH
A4F7	ܻ	LISU LETTER OE

### Tones

A4F8	.	LISU LETTER TONE MYA TI
A4F9	,	LISU LETTER TONE NA PO
A4FA	..	LISU LETTER TONE MYA CYA
A4FB	.,	LISU LETTER TONE MYA BO
A4FC	;	LISU LETTER TONE MYA NA
A4FD	:	LISU LETTER TONE MYA JEU

### Punctuation

A4FE	-	LISU PUNCTUATION COMMA
A4FF	=	LISU PUNCTUATION FULL STOP

A500

Vai

A59F

	A50	A51	A52	A53	A54	A55	A56	A57	A58	A59
0	ଓ	ঘু	ଫ	ଦ୍ୟ	ମୁ	ବ୍ୟ	ପ୍ର	ଶ୍ବ	ଚ୍ଛ	ଖ୍ର
1	କ୍ଷ	ଘୁନ୍	ୟ	ତ୍ତ	ଜୁ	ଶ୍ରେ	ପ୍ରେ	ତ୍ତ୍ବ	ମ୍ଲ	ଖ୍ରୀ
2	ଖ୍ରୁ	ଘୁମ୍	ଫ୍ରୁ	ତ୍ତୁ	ଜୁମ୍	ପ୍ରୁମ୍	ଶ୍ରୁମ୍	ତ୍ତୁମ୍	ମ୍ଲୁ	ଖ୍ରୁମ୍
3	କ୍ଷୁ	ଘୁମୁ	ଫ୍ରୁମୁ	ତ୍ତୁମୁ	ଜୁମୁ	ପ୍ରୁମୁ	ଶ୍ରୁମୁ	ତ୍ତୁମୁ	ମ୍ଲୁମୁ	ଖ୍ରୁମୁ
4	କ୍ଷୀ	ଘୁମୀ	ଫ୍ରୁମୀ	ତ୍ତୁମୀ	ଜୁମୀ	ପ୍ରୁମୀ	ଶ୍ରୁମୀ	ତ୍ତୁମୀ	ମ୍ଲୁମୀ	ଖ୍ରୁମୀ
5	କ୍ଷୋ	ଘୁମୋ	ଫ୍ରୁମୋ	ତ୍ତୁମୋ	ଜୁମୋ	ପ୍ରୁମୋ	ଶ୍ରୁମୋ	ତ୍ତୁମୋ	ମ୍ଲୁମୋ	ଖ୍ରୁମୋ
6	କ୍ଷୋ	ଘୁମୋ	ଫ୍ରୁମୋ	ତ୍ତୁମୋ	ଜୁମୋ	ପ୍ରୁମୋ	ଶ୍ରୁମୋ	ତ୍ତୁମୋ	ମ୍ଲୁମୋ	ଖ୍ରୁମୋ
7	କ୍ଷୋ	ଘୁମୋ	ଫ୍ରୁମୋ	ତ୍ତୁମୋ	ଜୁମୋ	ପ୍ରୁମୋ	ଶ୍ରୁମୋ	ତ୍ତୁମୋ	ମ୍ଲୁମୋ	ଖ୍ରୁମୋ
8	କ୍ଷୋ	ଘୁମୋ	ଫ୍ରୁମୋ	ତ୍ତୁମୋ	ଜୁମୋ	ପ୍ରୁମୋ	ଶ୍ରୁମୋ	ତ୍ତୁମୋ	ମ୍ଲୁମୋ	ଖ୍ରୁମୋ
9	କ୍ଷୋ	ଘୁମୋ	ଫ୍ରୁମୋ	ତ୍ତୁମୋ	ଜୁମୋ	ପ୍ରୁମୋ	ଶ୍ରୁମୋ	ତ୍ତୁମୋ	ମ୍ଲୁମୋ	ଖ୍ରୁମୋ
A	ଫ୍ରୁ	ଘୁମୋ	ଫ୍ରୁ	ମୁ	ମୁ	ପ୍ରୁ	ଶ୍ରୁ	ପ୍ରୁ	ମୁ	ଖ୍ରୁମୋ
B	ଫ୍ରୁ	ଘୁମୋ	ଫ୍ରୁ	ମୁ	ମୁ	ପ୍ରୁ	ଶ୍ରୁ	ପ୍ରୁ	ମୁ	ଖ୍ରୁମୋ
C	ଫ୍ରୁ	ଘୁମୋ	ଫ୍ରୁ	ମୁ	ମୁ	ପ୍ରୁ	ଶ୍ରୁ	ପ୍ରୁ	ମୁ	ଖ୍ରୁମୋ
D	ଫ୍ରୁ	ଘୁମୋ	ଫ୍ରୁ	ମୁ	ମୁ	ପ୍ରୁ	ଶ୍ରୁ	ପ୍ରୁ	ମୁ	ଖ୍ରୁମୋ
E	ଫ୍ରୁ	ଘୁମୋ	ଫ୍ରୁ	ମୁ	ମୁ	ପ୍ରୁ	ଶ୍ରୁ	ପ୍ରୁ	ମୁ	ଖ୍ରୁମୋ
F	ଫ୍ରୁ	ଘୁମୋ	ଫ୍ରୁ	ମୁ	ମୁ	ପ୍ରୁ	ଶ୍ରୁ	ପ୍ରୁ	ମୁ	ଖ୍ରୁମୋ

	A5A	A5B	A5C	A5D	A5E	A5F	A60	A61	A62	A63
0	፩	፪	፪	፪	፪	፪	፪	፪	፪	
1	፩	፪	፪	፪	፪	፪	፪	፪	፪	
2	፩	፪	፪	፪	፪	፪	፪	፪	፪	
3	፩	፪	፪	፪	፪	፪	፪	፪	፪	
4	፩	፩	፩	፩	፩	፩	፩	፩	፩	
5	፩	፩	፩	፩	፩	፩	፩	፩	፩	
6	፩	፩	፩	፩	፩	፩	፩	፩	፩	
7	፩	፩	፩	፩	፩	፩	፩	፩	፩	
8	፩	፩	፩	፩	፩	፩	፩	፩	፩	
9	፩	፩	፩	፩	፩	፩	፩	፩	፩	
A	፩	፩	፩	፩	፩	፩	፩	፩	፩	
B	፩	፩	፩	፩	፩	፩	፩	፩	፩	
C	፩	፩	፩	፩	፩	፩	፩	፩	፩	
D	፩	፩	፩	፩	፩	፩	፩	፩	፩	
E	፩	፩	፩	፩	፩	፩	፩	፩	፩	
F	፩	፩	፩	፩	፩	፩	፩	፩	፩	

A500

Vai

A56F

**Syllables in -ee**

A500	ቁ	VAI SYLLABLE EE
A501	ቂ	VAI SYLLABLE EEN
A502	ቃ	VAI SYLLABLE HEE
A503	ቄ	VAI SYLLABLE WEE
A504	ቅ	VAI SYLLABLE WEEN
A505	ቆ	VAI SYLLABLE PEE
A506	ቈ	VAI SYLLABLE BHEE
A507	቉	VAI SYLLABLE BEE
A508	ቊ	VAI SYLLABLE MBEE
A509	ቋ	VAI SYLLABLE KPEE
A50A	ቌ	VAI SYLLABLE MGEEE
A50B	ቍ	VAI SYLLABLE GBEE
A50C	቎	VAI SYLLABLE FEE
A50D	቏	VAI SYLLABLE VEE
A50E	ቊ	VAI SYLLABLE TEE
A50F	ቋ	VAI SYLLABLE THEE
A510	ቊ	VAI SYLLABLE DHEE
A511	ቊ	VAI SYLLABLE DHHEE
A512	ቊ	VAI SYLLABLE LEE
A513	ቊ	VAI SYLLABLE REE
A514	ቊ	VAI SYLLABLE DEE • read as logogram deeng "child, small" in the Book of Ndole
A515	ቊ	VAI SYLLABLE NDEE
A516	ቊ	VAI SYLLABLE SEE
A517	ቊ	VAI SYLLABLE SHEE
A518	ቊ	VAI SYLLABLE ZEE
A519	ቊ	VAI SYLLABLE ZHEE
A51A	ቊ	VAI SYLLABLE CEE
A51B	ቊ	VAI SYLLABLE JEE
A51C	ቊ	VAI SYLLABLE NJEE
A51D	ቊ	VAI SYLLABLE YEE
A51E	ቊ	VAI SYLLABLE KEE
A51F	ቊ	VAI SYLLABLE NGGEE
A520	ቊ	VAI SYLLABLE GEE
A521	ቊ	VAI SYLLABLE MEE
A522	ቊ	VAI SYLLABLE NEE
A523	ቊ	VAI SYLLABLE NYEE

**Syllables in -i**

A524	ቊ	VAI SYLLABLE I
A525	ቊ	VAI SYLLABLE IN
A526	ቊ	VAI SYLLABLE HI
A527	ቊ	VAI SYLLABLE HIN
A528	ቊ	VAI SYLLABLE WI
A529	ቊ	VAI SYLLABLE WIN
A52A	ቊ	VAI SYLLABLE PI
A52B	ቊ	VAI SYLLABLE BHI
A52C	ቊ	VAI SYLLABLE BI
A52D	ቊ	VAI SYLLABLE MBI
A52E	ቊ	VAI SYLLABLE KPI
A52F	ቊ	VAI SYLLABLE MGBI
A530	ቊ	VAI SYLLABLE GBI
A531	ቊ	VAI SYLLABLE FI
A532	ቊ	VAI SYLLABLE VI
A533	ቊ	VAI SYLLABLE TI
A534	ቊ	VAI SYLLABLE THI
A535	ቊ	VAI SYLLABLE DHI
A536	ቊ	VAI SYLLABLE DHHI
A537	•	VAI SYLLABLE LI
A538	•	VAI SYLLABLE RI

**A539** • VAI SYLLABLE DI

A53A	ቊ	VAI SYLLABLE NDI
A53B	ቊ	VAI SYLLABLE SI
A53C	ቊ	VAI SYLLABLE SHI
A53D	ቊ	VAI SYLLABLE ZI
A53E	ቊ	VAI SYLLABLE ZHI
A53F	ቊ	VAI SYLLABLE CI
A540	ቊ	VAI SYLLABLE JI
A541	ቊ	VAI SYLLABLE NJI
A542	ቊ	VAI SYLLABLE YI
A543	ቊ	VAI SYLLABLE KI
A544	ቊ	VAI SYLLABLE NGGI
A545	ቊ	VAI SYLLABLE GI
A546	ቊ	VAI SYLLABLE MI
A547	ቊ	VAI SYLLABLE NI
A548	ቊ	VAI SYLLABLE NYI

**Syllables in -a**

A549	ቊ	VAI SYLLABLE A
A54A	ቊ	VAI SYLLABLE AN
A54B	ቊ	VAI SYLLABLE NGAN
A54C	ቊ	VAI SYLLABLE HA
A54D	ቊ	VAI SYLLABLE HAN
A54E	ቊ	VAI SYLLABLE WA
A54F	ቊ	VAI SYLLABLE WAN
A550	ቊ	VAI SYLLABLE PA
A551	ቊ	VAI SYLLABLE BHA
A552	ቊ	VAI SYLLABLE BA
A553	ቊ	VAI SYLLABLE MBA
A554	ቊ	VAI SYLLABLE KPA
A555	ቊ	VAI SYLLABLE KPAN
A556	ቊ	VAI SYLLABLE MGBA
A557	ቊ	VAI SYLLABLE GBA
A558	ቊ	VAI SYLLABLE FA → A610 ቊ vai syllable ndole fa
A559	ቊ	VAI SYLLABLE VA
A55A	ቊ	VAI SYLLABLE TA
A55B	ቊ	VAI SYLLABLE THA
A55C	ቊ	VAI SYLLABLE DHA
A55D	ቊ	VAI SYLLABLE DHHA
A55E	ቊ	VAI SYLLABLE LA
A55F	ቊ	VAI SYLLABLE RA
A560	ቊ	VAI SYLLABLE DA
A561	ቊ	VAI SYLLABLE NDA
A562	ቊ	VAI SYLLABLE SA
A563	ቊ	VAI SYLLABLE SHA
A564	ቊ	VAI SYLLABLE ZA
A565	ቊ	VAI SYLLABLE ZHA
A566	ቊ	VAI SYLLABLE CA
A567	ቊ	VAI SYLLABLE JA
A568	ቊ	VAI SYLLABLE NJA
A569	ቊ	VAI SYLLABLE YA
A56A	ቊ	VAI SYLLABLE KA • read as logogram kai "man" in the Book of Ndole → A611 ቊ vai syllable ndole ka
A56B	ቊ	VAI SYLLABLE KAN
A56C	ቊ	VAI SYLLABLE NGGA
A56D	ቊ	VAI SYLLABLE GA
A56E	ቊ	VAI SYLLABLE MA → A62A ቊ vai syllable ndole ma
A56F	ቊ	VAI SYLLABLE NA

A570 𠂔 VAI SYLLABLE NYA

**Syllables in -oo**

A571 𠂔 VAI SYLLABLE OO  
 A572 𠂔 VAI SYLLABLE OON  
 A573 𠂔 VAI SYLLABLE HOO  
 A574 𠂔 VAI SYLLABLE WOO  
 A575 𠂔 VAI SYLLABLE WOON  
 A576 S VAI SYLLABLE POO  
 A577 S VAI SYLLABLE BHOO  
 A578 𠂔 VAI SYLLABLE BOO  
 A579 𠂔 VAI SYLLABLE MBOO  
 A57A 𠂔 VAI SYLLABLE KPOO  
 A57B 𠂔 VAI SYLLABLE MGBOO  
 A57C 𠂔 VAI SYLLABLE GBOO  
 A57D 𠂔 VAI SYLLABLE FOO  
 A57E 𠂔 VAI SYLLABLE VOO  
 A57F 𠂔 VAI SYLLABLE TOO  
 A580 𠂔 VAI SYLLABLE THOO  
 A581 𠂔 VAI SYLLABLE DHOO  
 A582 𠂔 VAI SYLLABLE DHHOO  
 A583 𠂔 VAI SYLLABLE LOO  
 A584 𠂔 VAI SYLLABLE ROO  
 A585 𠂔 VAI SYLLABLE DOO  
 A586 𠂔 VAI SYLLABLE NDOO  
 A587 𠂔 VAI SYLLABLE SOO  
     → A612 𠂔 vai syllable ndole soo  
 A588 𠂔 VAI SYLLABLE SHOO  
 A589 8 VAI SYLLABLE ZOO  
 A58A :8 VAI SYLLABLE ZHOO  
 A58B :: VAI SYLLABLE COO  
 A58C :: VAI SYLLABLE JOO  
 A58D :: VAI SYLLABLE NJOO  
 A58E :: VAI SYLLABLE YOO  
 A58F 𠂔 VAI SYLLABLE KOO  
 A590 𠂔 VAI SYLLABLE NGGOO  
 A591 𠂔 VAI SYLLABLE GOO  
 A592 𠂔 VAI SYLLABLE MOO  
 A593 𠂔 VAI SYLLABLE NOO  
 A594 𠂔 VAI SYLLABLE NYOO

**Syllables in -u**

A595 𠂔 VAI SYLLABLE U  
 A596 𠂔 VAI SYLLABLE UN  
 A597 𠂔 VAI SYLLABLE HU  
 A598 ⑧ VAI SYLLABLE HUN  
 A599 𠂔 VAI SYLLABLE WU  
 A59A 𠂔 VAI SYLLABLE WUN  
 A59B # VAI SYLLABLE PU  
 A59C օ VAI SYLLABLE BHU  
 A59D օ VAI SYLLABLE BU  
 A59E օ VAI SYLLABLE MBU  
 A59F ՞ VAI SYLLABLE KPU  
 A5A0 ՞ VAI SYLLABLE MGBU  
 A5A1 ՞ VAI SYLLABLE GBU  
 A5A2 ՞ VAI SYLLABLE FU  
 A5A3 ՞ VAI SYLLABLE VU  
 A5A4 ՞ VAI SYLLABLE TU  
 A5A5 ՞ VAI SYLLABLE THU  
 A5A6 ՞ VAI SYLLABLE DHU  
 A5A7 ՞ VAI SYLLABLE DHHU  
 A5A8 ՞ VAI SYLLABLE LU  
 A5A9 ՞ VAI SYLLABLE RU

A5AA 𠂔 VAI SYLLABLE DU  
 A5AB 𠂔 VAI SYLLABLE NDU  
 A5AC 𠂔 VAI SYLLABLE SU  
 A5AD 𠂔 VAI SYLLABLE SHU  
 A5AE 𠂔 VAI SYLLABLE ZU  
 A5AF 𠂔 VAI SYLLABLE ZHU  
 A5B0 𠂔 VAI SYLLABLE CU  
 A5B1 𠂔 VAI SYLLABLE JU  
 A5B2 𠂔 VAI SYLLABLE NJU  
 A5B3 𠂔 VAI SYLLABLE YU  
 A5B4 ⑧ VAI SYLLABLE KU  
 A5B5 ՞ VAI SYLLABLE NGGU  
 A5B6 ՞ VAI SYLLABLE GU  
 A5B7 ՞ VAI SYLLABLE MU  
 A5B8 ՞ VAI SYLLABLE NU  
 A5B9 ՞ VAI SYLLABLE NYU

**Syllables in -o**

A5BA օ VAI SYLLABLE O  
 A5BB օ VAI SYLLABLE ON  
 A5BC օ VAI SYLLABLE NGON  
 A5BD օ VAI SYLLABLE HO  
 A5BE օ VAI SYLLABLE HON  
 A5BF օ VAI SYLLABLE WO  
 A5CO օ VAI SYLLABLE WON  
 A5C1 ՞ VAI SYLLABLE PO  
 A5C2 ՞ VAI SYLLABLE BHO  
 A5C3 ՞ VAI SYLLABLE BO  
 A5C4 ՞ VAI SYLLABLE MBO  
 A5C5 ՞ VAI SYLLABLE KPO  
 A5C6 ՞ VAI SYLLABLE MGBO  
 A5C7 ՞ VAI SYLLABLE GBO  
 A5C8 ՞ VAI SYLLABLE GBON  
 A5C9 ՞ VAI SYLLABLE FO  
 A5CA ՞ VAI SYLLABLE VO  
 A5CB ՞ VAI SYLLABLE TO  
 A5CC ՞ VAI SYLLABLE THO  
 A5CD ՞ VAI SYLLABLE DHO  
 A5CE ՞ VAI SYLLABLE DHHO  
 A5CF ՞ VAI SYLLABLE LO  
 A5D0 ՞ VAI SYLLABLE RO  
 A5D1 ՞ VAI SYLLABLE DO  
     • read as logogram lo "in" in the Book of Ndole  
     → A62B ՞ vai syllable ndole do  
 A5D2 ՞ VAI SYLLABLE NDO  
 A5D3 ՞ VAI SYLLABLE SO  
 A5D4 ՞ VAI SYLLABLE SHO  
 A5D5 ՞ VAI SYLLABLE ZO  
 A5D6 ՞ VAI SYLLABLE ZHO  
 A5D7 ՞ VAI SYLLABLE CO  
 A5D8 ՞ VAI SYLLABLE JO  
 A5D9 ՞ VAI SYLLABLE NJO  
 A5DA ՞ VAI SYLLABLE YO  
 A5DB ՞ VAI SYLLABLE KO  
 A5DC ՞ VAI SYLLABLE NGGO  
 A5DD .՞ VAI SYLLABLE GO  
 A5DE ՞ VAI SYLLABLE MO  
 A5DF ՞ VAI SYLLABLE NO  
 A5E0 ՞ VAI SYLLABLE NYO

**Syllables in -e**

A5E1 ՞ VAI SYLLABLE E  
 A5E2 ՞ VAI SYLLABLE EN

A5E3

A5E3	₭	VAI SYLLABLE NGEN
A5E4	₲	VAI SYLLABLE HE
A5E5	₵	VAI SYLLABLE HEN
A5E6	₩	VAI SYLLABLE WE
A5E7	₩	VAI SYLLABLE WEN
A5E8	₭	VAI SYLLABLE PE
A5E9	₭	VAI SYLLABLE BHE
A5EA	₵	VAI SYLLABLE BE
A5EB	₵	VAI SYLLABLE MBE
A5EC	₵	VAI SYLLABLE KPE
A5ED	₵	VAI SYLLABLE KPEN
A5EE	₵	VAI SYLLABLE MGBE
A5EF	₵	VAI SYLLABLE GBE
A5F0	₵	VAI SYLLABLE GBEN
A5F1	₵	VAI SYLLABLE FE
A5F2	₵	VAI SYLLABLE VE
A5F3	₵	VAI SYLLABLE TE
A5F4	₵	VAI SYLLABLE THE
A5F5	₵	VAI SYLLABLE DHE
A5F6	₵	VAI SYLLABLE DHHE
A5F7	₵	VAI SYLLABLE LE
A5F8	₵	VAI SYLLABLE RE
A5F9	₵	VAI SYLLABLE DE
A5FA	₵	VAI SYLLABLE NDE
A5FB	₵	VAI SYLLABLE SE
A5FC	₵	VAI SYLLABLE SHE
A5FD	₵	VAI SYLLABLE ZE
A5FE	₵	VAI SYLLABLE ZHE
A5FF	₵	VAI SYLLABLE CE
A600	₵	VAI SYLLABLE JE
A601	₵	VAI SYLLABLE NJE
A602	₵	VAI SYLLABLE YE
A603	₵	VAI SYLLABLE KE
A604	₵	VAI SYLLABLE NGGE
A605	₵	VAI SYLLABLE NGGEN
A606	₵	VAI SYLLABLE GE
A607	₵	VAI SYLLABLE GEN
A608	₵	VAI SYLLABLE ME
A609	₵	VAI SYLLABLE NE
A60A	₵	VAI SYLLABLE NYE

**Syllable finals**

A60B	ঁ	VAI SYLLABLE NG
A60C	—	VAI SYLLABLE LENGTHENER

**Punctuation**

A60D	^	VAI COMMA
A60E	*	VAI FULL STOP
A60F	՞	VAI QUESTION MARK

**Historic syllables**

A610	᳚	VAI SYLLABLE NDOLE FA → A558 ഫ vai syllable fa
A611	᳚	VAI SYLLABLE NDOLE KA → A56A ക vai syllable ka
A612	᳚	VAI SYLLABLE NDOLE SOO → A587 സൂ vai syllable soo

**Logograms**

A613	ԑ	VAI SYMBOL FEENG • logogram for "thing"
A614	՚	VAI SYMBOL KEENG • logogram for "foot"

Vai

A62B

A615	᳘	VAI SYMBOL TING
		• logogram for "island"
A616	᳙	VAI SYMBOL NII
		• logogram for "cow"
		• also logogram for kpe kowu "case of gin"
A617	᳜	VAI SYMBOL BANG
		• logogram for "finished"
A618	᳖	VAI SYMBOL FAA
		• logogram for "die, kill"
A619	᳗	VAI SYMBOL TAA
		• logogram for "go, carry, journey"
A61A	᳘	VAI SYMBOL DANG
		• logogram for "hear, understand"
A61B	᳘	VAI SYMBOL DOONG
		• logogram for "enter"
A61C	᳘	VAI SYMBOL KUNG
		• logogram for "head, be able"
A61D	᳘	VAI SYMBOL TONG
		• logogram for "be named"
A61E	᳘	VAI SYMBOL DO-O
		• logogram for "be small"
A61F	ঁ	VAI SYMBOL JONG
		• logogram for "slave"

**Digits***These are not in modern use.*

A620	ঁ	VAI DIGIT ZERO
A621	।	VAI DIGIT ONE
A622	২	VAI DIGIT TWO
A623	৩	VAI DIGIT THREE
A624	৪	VAI DIGIT FOUR
A625	৫	VAI DIGIT FIVE
A626	৬	VAI DIGIT SIX
A627	৭	VAI DIGIT SEVEN
A628	৮	VAI DIGIT EIGHT
A629	৯	VAI DIGIT NINE

**Historic syllables**

A62A	᳚	VAI SYLLABLE NDOLE MA → A56E മ vai syllable ma
A62B	᳚	VAI SYLLABLE NDOLE DO → A5D1 ദ vai syllable do

	A64	A65	A66	A67	A68	A69
0	҃ A640	҄ A650	҂ A660	҅ A670	҆ A680	҈ A690
1	҃ A641	҄ A651	҂ A661	҇ A671	҆ A681	҈ A691
2	҃ A642	҄ A652	҂ A662	҉ A672	҈ A682	Ҋ A692
3	҃ A643	҄ A653	҂ A663	Ҍ A673	҈ A683	Ҋ A693
4	ҁ A644	҄ A654	҂ A664	Ҍ A674	҈ A684	Ҥ A694
5	ҁ A645	҄ A655	҂ A665	Ҍ A675	҈ A685	Ҥ A695
6	҄ A646	҄ A656	҂ A666	Ҍ A676	҈ A686	Ҋ A696
7	҄ A647	҄ A657	҂ A667	Ҍ A677	҈ A687	Ҋ A697
8	ҁ A648	҄ A658	҂ A668	Ҍ A678	҆ A688	Ҋ A698
9	ҁ A649	҄ A659	҂ A669	Ҍ A679	҆ A689	Ҋ A699
A	҄ A64A	҄ A65A	҂ A66A	Ҍ A67A	҆ A68A	Ҋ A69A
B	҄ A64B	҄ A65B	҂ A66B	Ҍ A67B	҆ A68B	Ҋ A69B
C	҄ A64C	҄ A65C	҂ A66C	Ҍ A67C	҆ A68C	Ҍ A69C
D	҄ A64D	҄ A65D	҂ A66D	Ҍ A67D	҆ A68D	Ҍ A69D
E	ҁ A64E	҄ A65E	҂ A66E	Ҍ A67E	҆ A68E	Ҋ A69E
F	ҁ A64F	҄ A65F	҂ A66F	Ҍ A67F	҆ A68F	Ҋ A69F

**Letters for Old Cyrillic**

A640	҃	CYRILLIC CAPITAL LETTER ZEMLYA
A641	҂	CYRILLIC SMALL LETTER ZEMLYA → 0437 ҂ cyrillic small letter ze
A642	҄	CYRILLIC CAPITAL LETTER DZEO
A643	҅	CYRILLIC SMALL LETTER DZEO → 0455 ҅ cyrillic small letter dze
A644	҆	CYRILLIC CAPITAL LETTER REVERSED DZE → 10193 ҆ roman sextula sign
A645	҇	CYRILLIC SMALL LETTER REVERSED DZE
A646	҈	CYRILLIC CAPITAL LETTER IOTA
A647	҉	CYRILLIC SMALL LETTER IOTA → 2C3A ҉ glagolitic small letter initial izhe
A648	Ҋ	CYRILLIC CAPITAL LETTER DJERV
A649	ҋ	CYRILLIC SMALL LETTER DJERV → 0452 ҋ cyrillic small letter dje → 045B Ҥ cyrillic small letter tshe
A64A	Ҍ	CYRILLIC CAPITAL LETTER MONOGRAPH UK
A64B	ҍ	CYRILLIC SMALL LETTER MONOGRAPH UK → 0443 ҍ cyrillic small letter u
A64C	Ҏ	CYRILLIC CAPITAL LETTER BROAD OMEGA
A64D	ҏ	CYRILLIC SMALL LETTER BROAD OMEGA → 0461 ҏ cyrillic small letter omega
A64E	Ґ	CYRILLIC CAPITAL LETTER NEUTRAL YER
A64F	ґ	CYRILLIC SMALL LETTER NEUTRAL YER → 044A ґ cyrillic small letter hard sign → 044C ґ cyrillic small letter soft sign
A650	Ғ	CYRILLIC CAPITAL LETTER YERU WITH BACK YER
A651	ғ	CYRILLIC SMALL LETTER YERU WITH BACK YER → 044B ғ cyrillic small letter yero
A652	Ҕ	CYRILLIC CAPITAL LETTER IOTIFIED YAT
A653	ҕ	CYRILLIC SMALL LETTER IOTIFIED YAT → 0463 ҕ cyrillic small letter yat
A654	Җ	CYRILLIC CAPITAL LETTER REVERSED YU
A655	Ҙ	CYRILLIC SMALL LETTER REVERSED YU → 044E Ҙ cyrillic small letter yu
A656	ҙ	CYRILLIC CAPITAL LETTER IOTIFIED A
A657	Қ	CYRILLIC SMALL LETTER IOTIFIED A
A658	қ	CYRILLIC CAPITAL LETTER CLOSED LITTLE YUS
A659	Ҝ	CYRILLIC SMALL LETTER CLOSED LITTLE YUS → 0467 Ҝ cyrillic small letter little yus
A65A	ҝ	CYRILLIC CAPITAL LETTER BLENDED YUS
A65B	Ҟ	CYRILLIC SMALL LETTER BLENDED YUS → 0467 Ҟ cyrillic small letter little yus → 046B Ҟ cyrillic small letter big yus
A65C	ҟ	CYRILLIC CAPITAL LETTER IOTIFIED CLOSED LITTLE YUS
A65D	ҟ	CYRILLIC SMALL LETTER IOTIFIED CLOSED LITTLE YUS → 0469 ҟ cyrillic small letter iotified little yus
A65E	Ҡ	CYRILLIC CAPITAL LETTER YN
A65F	ҡ	CYRILLIC SMALL LETTER YN • Romanian Cyrillic
A660	Ң	CYRILLIC CAPITAL LETTER REVERSED TSE
A661	ң	CYRILLIC SMALL LETTER REVERSED TSE
A662	Ҥ	CYRILLIC CAPITAL LETTER SOFT DE
A663	ҥ	CYRILLIC SMALL LETTER SOFT DE
A664	Ҧ	CYRILLIC CAPITAL LETTER SOFT EL
A665	ҧ	CYRILLIC SMALL LETTER SOFT EL
A666	Ҩ	CYRILLIC CAPITAL LETTER SOFT EM
A667	ҩ	CYRILLIC SMALL LETTER SOFT EM

A668	Ҫ	CYRILLIC CAPITAL LETTER MONOCULAR O
A669	ҫ	CYRILLIC SMALL LETTER MONOCULAR O • used in words based on the root for 'eye'
A66A	Ҭ	CYRILLIC CAPITAL LETTER BINOCULAR O
A66B	ҭ	CYRILLIC SMALL LETTER BINOCULAR O • used in the dual of words based on the root for 'eye'
A66C	Ү	CYRILLIC CAPITAL LETTER DOUBLE MONOCULAR O
A66D	ү	CYRILLIC SMALL LETTER DOUBLE MONOCULAR O • used in the dual of words based on the root for 'eye'
A66E	Ұ	CYRILLIC LETTER MULTIOCULAR O • used in the epithet 'many-eyed'

**Abbreviation mark**

A66F	ұ	COMBINING CYRILLIC VZMET
		• used with Cyrillic letters to indicate abbreviation
		→ 0483 ұ combining cyrillic titlo
		→ 0487 ұ combining cyrillic pokrytie

**Combining numeric signs**

A670	Ҳ	COMBINING CYRILLIC TEN MILLIONS SIGN
		→ 0489 Ҳ combining cyrillic millions sign
A671	ҳ	COMBINING CYRILLIC HUNDRED MILLIONS SIGN
A672	Ҵ	COMBINING CYRILLIC THOUSAND MILLIONS SIGN

**Punctuation mark**

A673	ҵ	SLAVONIC ASTERISK
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**Combining marks for Old Cyrillic**

A674	Ҷ	COMBINING CYRILLIC LETTER UKRAINIAN IE
A675	Ҹ	COMBINING CYRILLIC LETTER I
A676	ҹ	COMBINING CYRILLIC LETTER YI
A677	Һ	COMBINING CYRILLIC LETTER U
A678	һ	COMBINING CYRILLIC LETTER HARD SIGN
A679	Ҽ	COMBINING CYRILLIC LETTER YERU
A67A	ҽ	COMBINING CYRILLIC LETTER SOFT SIGN
A67B	Ҿ	COMBINING CYRILLIC LETTER OMEGA
A67C	ҷ	COMBINING CYRILLIC KAVYKA • indicates an alternative reading to part of a word → 0306 ҷ combining breve
A67D	Ҹ	COMBINING CYRILLIC PAYEROK • may indicate an omitted yer → 033E Ҹ combining vertical tilde

**Punctuation mark**

A67E	ҹ	CYRILLIC KAVYKA
		• used to mark off word that has alternative reading

**Modifier letter**

A67F	һ	CYRILLIC PAYEROK
		• may indicate an omitted yer → 2E2F һ vertical tilde

**Letters for Old Abkhasian orthography**

A680	һ	CYRILLIC CAPITAL LETTER DWE
A681	һ	CYRILLIC SMALL LETTER DWE
A682	Ҹ	CYRILLIC CAPITAL LETTER DZWE
A683	ҹ	CYRILLIC SMALL LETTER DZWE
A684	һ	CYRILLIC CAPITAL LETTER ZHWE

A685	҂	CYRILLIC SMALL LETTER ZHWE
A686	҃	CYRILLIC CAPITAL LETTER CCHE
A687	҄	CYRILLIC SMALL LETTER CCHE
A688	҅	CYRILLIC CAPITAL LETTER DZZE
A689	҆	CYRILLIC SMALL LETTER DZZE
A68A	҇	CYRILLIC CAPITAL LETTER TE WITH MIDDLE HOOK
A68B	҈	CYRILLIC SMALL LETTER TE WITH MIDDLE HOOK
A68C	҉	CYRILLIC CAPITAL LETTER TWE
A68D	Ҋ	CYRILLIC SMALL LETTER TWE
A68E	ҋ	CYRILLIC CAPITAL LETTER TSWE
A68F	Ҍ	CYRILLIC SMALL LETTER TSWE
A690	ҍ	CYRILLIC CAPITAL LETTER TSSE
A691	Ҏ	CYRILLIC SMALL LETTER TSSE
A692	ҏ	CYRILLIC CAPITAL LETTER TCHE
A693	Ґ	CYRILLIC SMALL LETTER TCHE
A694	Ҥ	CYRILLIC CAPITAL LETTER HWE
A695	Ҥ	CYRILLIC SMALL LETTER HWE
A696	ґ	CYRILLIC CAPITAL LETTER SHWE
A697	Ғ	CYRILLIC SMALL LETTER SHWE

**Letters for Old Cyrillic**

A698	Ѡ	CYRILLIC CAPITAL LETTER DOUBLE O
A699	ѡ	CYRILLIC SMALL LETTER DOUBLE O
A69A	Ѿ	CYRILLIC CAPITAL LETTER CROSSED O
A69B	ѿ	CYRILLIC SMALL LETTER CROSSED O

**Intonation marks for Lithuanian dialectology**

A69C	Ҏ	MODIFIER LETTER CYRILLIC HARD SIGN ≈ <super> 044A Ҏ
A69D	ҏ	MODIFIER LETTER CYRILLIC SOFT SIGN ≈ <super> 044C ҏ

**Combining marks for Old Cyrillic**

A69E	Ҏ	COMBINING CYRILLIC LETTER EF
A69F	ҏ	COMBINING CYRILLIC LETTER IOTIFIED E

A6A0

## Bamum

A6FF

	A6A	A6B	A6C	A6D	A6E	A6F
0	ጀ	ጀ	ጀ	ጀ	ጀ	ጀ
	A6A0	A6B0	A6C0	A6D0	A6E0	A6F0
1	ጀ	ጀ	ጀ	ጀ	ጀ	ጀ
	A6A1	A6B1	A6C1	A6D1	A6E1	A6F1
2	ጀ	ጀ	ጀ	ጀ	ጀ	ጀ
	A6A2	A6B2	A6C2	A6D2	A6E2	A6F2
3	ጀ	ጀ	ጀ	ጀ	ጀ	ጀ
	A6A3	A6B3	A6C3	A6D3	A6E3	A6F3
4	ጀ	ጀ	ጀ	ጀ	ጀ	ጀ
	A6A4	A6B4	A6C4	A6D4	A6E4	A6F4
5	ጀ	ጀ	ጀ	ጀ	ጀ	ጀ
	A6A5	A6B5	A6C5	A6D5	A6E5	A6F5
6	ጀ	ጀ	ጀ	ጀ	ጀ	ጀ
	A6A6	A6B6	A6C6	A6D6	A6E6	A6F6
7	ጀ	ጀ	ጀ	ጀ	ጀ	ጀ
	A6A7	A6B7	A6C7	A6D7	A6E7	A6F7
8	ጀ	ጀ	ጀ	ጀ	ጀ	
	A6A8	A6B8	A6C8	A6D8	A6E8	
9	ጀ	ጀ	ጀ	ጀ	ጀ	
	A6A9	A6B9	A6C9	A6D9	A6E9	
A	ጀ	ጀ	ጀ	ጀ	ጀ	
	A6AA	A6BA	A6CA	A6DA	A6EA	
B	ጀ	ጀ	ጀ	ጀ	ጀ	
	A6AB	A6BB	A6CB	A6DB	A6EB	
C	ጀ	ጀ	ጀ	ጀ	ጀ	
	A6AC	A6BC	A6CC	A6DC	A6EC	
D	ጀ	ጀ	ጀ	ጀ	ጀ	
	A6AD	A6BD	A6CD	A6DD	A6ED	
E	ጀ	ጀ	ጀ	ጀ	ጀ	
	A6AE	A6BE	A6CE	A6DE	A6EE	
F	ጀ	ጀ	ጀ	ጀ	ጀ	
	A6AF	A6BF	A6CF	A6DF	A6EF	

**Syllables**

A6A0	Ѐ	BAMUM LETTER A
A6A1	Ѝ	BAMUM LETTER KA
A6A2	ӕ	BAMUM LETTER U
A6A3	Ӧ	BAMUM LETTER KU
A6A4	Ӕ	BAMUM LETTER EE
A6A5	ӕ	BAMUM LETTER REE
A6A6	Ӕ	BAMUM LETTER TAE
A6A7	Ӕ	BAMUM LETTER O
A6A8	Ӕ	BAMUM LETTER NYI
A6A9	ӕ	BAMUM LETTER I
A6AA	Ӕ	BAMUM LETTER LA
A6AB	ӕ	BAMUM LETTER PA
A6AC	ӕ	BAMUM LETTER RII
A6AD	ӕ	BAMUM LETTER RIEE
A6AE	ӕ	BAMUM LETTER LEEE
A6AF	ӕ	BAMUM LETTER MEEEE
A6B0	ӕ	BAMUM LETTER TAA
A6B1	ӕ	BAMUM LETTER NDAA
A6B2	ӕ	BAMUM LETTER NJAEM
A6B3	ӕ	BAMUM LETTER M
A6B4	ӕ	BAMUM LETTER SUU
A6B5	ӕ	BAMUM LETTER MU
A6B6	ӕ	BAMUM LETTER SHII
A6B7	ӕ	BAMUM LETTER SI
A6B8	ӕ	BAMUM LETTER SHEUX
A6B9	ӕ	BAMUM LETTER SEUX
A6BA	ӕ	BAMUM LETTER KYEE
A6BB	ӕ	BAMUM LETTER KET
A6BC	ӕ	BAMUM LETTER NUAE
A6BD	ӕ	BAMUM LETTER NU
A6BE	ӕ	BAMUM LETTER NJUAE
A6BF	ӕ	BAMUM LETTER YOQ
A6C0	ӕ	BAMUM LETTER SHU
A6C1	ӕ	BAMUM LETTER YUQ
A6C2	ӕ	BAMUM LETTER YA
A6C3	ӕ	BAMUM LETTER NSHA
A6C4	ӕ	BAMUM LETTER KEUX
A6C5	ӕ	BAMUM LETTER PEUX
A6C6	ӕ	BAMUM LETTER NJEE
A6C7	ӕ	BAMUM LETTER NTEE
A6C8	ӕ	BAMUM LETTER PUE
A6C9	ӕ	BAMUM LETTER WUE
A6CA	ӕ	BAMUM LETTER PEE
A6CB	ӕ	BAMUM LETTER FEE
A6CC	ӕ	BAMUM LETTER RU
A6CD	ӕ	BAMUM LETTER LU
A6CE	Ӆ	BAMUM LETTER MI
A6CF	ӕ	BAMUM LETTER NI
A6D0	ӕ	BAMUM LETTER REUX
A6D1	ӕ	BAMUM LETTER RAE
A6D2	ӕ	BAMUM LETTER KEN
A6D3	ӕ	BAMUM LETTER NGKWAEN
A6D4	ӕ	BAMUM LETTER NGGA
A6D5	ӕ	BAMUM LETTER NGA
A6D6	ӕ	BAMUM LETTER SHO
A6D7	ӕ	BAMUM LETTER PUAE
A6D8	ӕ	BAMUM LETTER FU
A6D9	ӕ	BAMUM LETTER FOM
A6DA	ӕ	BAMUM LETTER WA
A6DB	ӕ	BAMUM LETTER NA

A6DC	ӕ	BAMUM LETTER LI
A6DD	ӕ	BAMUM LETTER PI
A6DE	ӕ	BAMUM LETTER LOQ
A6DF	ӕ	BAMUM LETTER KO
A6E0	ӕ	BAMUM LETTER MBEN
A6E1	ӕ	BAMUM LETTER REN
A6E2	ӕ	BAMUM LETTER MEN
A6E3	ӕ	BAMUM LETTER MA
A6E4	ӕ	BAMUM LETTER TI
A6E5	ӕ	BAMUM LETTER KI
A6E6	ӕ	BAMUM LETTER MO
	•	also used for digit one
A6E7	ӕ	BAMUM LETTER MBAA
	•	also used for digit two
A6E8	ӕ	BAMUM LETTER TET
	•	tèt
	•	also used for digit three
A6E9	ӕ	BAMUM LETTER KPA
	•	also used for digit four
A6EA	ӕ	BAMUM LETTER TEN
	•	tèn
	•	also used for digit five
A6EB	ӕ	BAMUM LETTER NTUU
	•	also used for digit six
A6EC	ӕ	BAMUM LETTER SAMBA
	•	also used for digit seven
A6ED	ӕ	BAMUM LETTER FAAMAE
	•	also used for digit eight
A6EE	ӕ	BAMUM LETTER KOVUU
	•	also used for digit nine
A6EF	ӕ	BAMUM LETTER KOGHOM
	•	also used for digit zero
	•	formerly used for number ten

**Combining marks**

A6F0	ӕ	BAMUM COMBINING MARK KOQNNDON
A6F1	ӕ	BAMUM COMBINING MARK TUKWENTIS

**Punctuation**

A6F2	ӕ	BAMUM NJAEMLI
A6F3	Ӆ	BAMUM FULL STOP
A6F4	ӕ	BAMUM COLON
A6F5	ӕ	BAMUM COMMA
A6F6	ӕ	BAMUM SEMICOLON
A6F7	ӕ	BAMUM QUESTION MARK

	A70	A71
0	c A700	. . A710
1	≤ A701	. A711
2	¤ A702	Γ A712
3	≤ A703	† A713
4	▷ A704	† A714
5	≥ A705	└ A715
6	▷ A706	L A716
7	≥ A707	·  A717
8	·  A708	✗ A718
9	·  A709	÷ A719
A	·  A70A	¬ A71A
B	·  A70B	↑ A71B
C	.  A70C	↓ A71C
D	. A70D	! A71D
E	. A70E	¡ A71E
F	. A70F	¡ A71F

**Corner tone marks for Chinese**

- A700 c MODIFIER LETTER CHINESE TONE YIN PING  
 A701 ≤ MODIFIER LETTER CHINESE TONE YANG PING  
 A702 ¤ MODIFIER LETTER CHINESE TONE YIN SHANG  
 A703 ¤ MODIFIER LETTER CHINESE TONE YANG SHANG  
 A704 ▷ MODIFIER LETTER CHINESE TONE YIN QU  
 A705 ▷ MODIFIER LETTER CHINESE TONE YANG QU  
 A706 ▷ MODIFIER LETTER CHINESE TONE YIN RU  
 A707 ▷ MODIFIER LETTER CHINESE TONE YANG RU

**Dotted tone letters**

- A708 | MODIFIER LETTER EXTRA-HIGH DOTTED TONE BAR  
 A709 | MODIFIER LETTER HIGH DOTTED TONE BAR  
 A70A · MODIFIER LETTER MID DOTTED TONE BAR  
 A70B . MODIFIER LETTER LOW DOTTED TONE BAR  
 A70C . MODIFIER LETTER EXTRA-LOW DOTTED TONE BAR  
 A70D | MODIFIER LETTER EXTRA-HIGH DOTTED LEFT-STEM TONE BAR  
 A70E | MODIFIER LETTER HIGH DOTTED LEFT-STEM TONE BAR  
 A70F | MODIFIER LETTER MID DOTTED LEFT-STEM TONE BAR  
 A710 . MODIFIER LETTER LOW DOTTED LEFT-STEM TONE BAR  
 A711 . MODIFIER LETTER EXTRA-LOW DOTTED LEFT-STEM TONE BAR

**Left-stem tone letters**

- A712 Γ MODIFIER LETTER EXTRA-HIGH LEFT-STEM TONE BAR  
 A713 † MODIFIER LETTER HIGH LEFT-STEM TONE BAR  
 A714 † MODIFIER LETTER MID LEFT-STEM TONE BAR  
 A715 † MODIFIER LETTER LOW LEFT-STEM TONE BAR  
 A716 L MODIFIER LETTER EXTRA-LOW LEFT-STEM TONE BAR

**Chinantec tone marks**

- A717 · MODIFIER LETTER DOT VERTICAL BAR  
 A718 ✗ MODIFIER LETTER DOT SLASH  
 A719 ÷ MODIFIER LETTER DOT HORIZONTAL BAR  
 A71A ¬ MODIFIER LETTER LOWER RIGHT CORNER ANGLE

**Africanist tone letters**

- A71B ↑ MODIFIER LETTER RAISED UP ARROW  
 A71C ↓ MODIFIER LETTER RAISED DOWN ARROW  
 A71D ! MODIFIER LETTER RAISED EXCLAMATION MARK  
 A71E ¡ MODIFIER LETTER RAISED INVERTED EXCLAMATION MARK  
 A71F ¡ MODIFIER LETTER LOW INVERTED EXCLAMATION MARK

A72	A73	A74	A75	A76	A77	A78	A79	A7A	A7B	A7C	A7D	A7E	A7F
ꝝ	F	ꝑ	ꝑ	ꝑ	ꝑ	ꝑ	ꝑ	ꝑ	ꝑ				
A720	A730	A740	A750	A760	A770	A780	A790	A7A0	A7B0				
ꝝ	S	ꝑ	ꝑ	ꝑ	ꝑ	ꝑ	ꝑ	ꝑ	ꝑ				
A721	A731	A741	A751	A761	A771	A781	A791	A7A1	A7B1				
ꝝ	ꝑ	ꝑ	ꝑ	ꝑ	ꝑ	ꝑ	ꝑ	ꝑ	ꝑ				
A722	A732	A742	A752	A762	A772	A782	A792	A7A2	A7B2				
ꝝ	ꝑ	ꝑ	ꝑ	ꝑ	ꝑ	ꝑ	ꝑ	ꝑ	ꝑ				
A723	A733	A743	A753	A763	A773	A783	A793	A7A3	A7B3				
ꝝ	ꝑ	ꝑ	ꝑ	ꝑ	ꝑ	ꝑ	ꝑ	ꝑ	ꝑ				
A724	A734	A744	A754	A764	A774	A784	A794	A7A4	A7B4				
ꝝ	ꝑ	ꝑ	ꝑ	ꝑ	ꝑ	ꝑ	ꝑ	ꝑ	ꝑ				
A725	A735	A745	A755	A765	A775	A785	A795	A7A5	A7B5				
ꝝ	ꝑ	ꝑ	ꝑ	ꝑ	ꝑ	ꝑ	ꝑ	ꝑ	ꝑ				
A726	A736	A746	A756	A766	A776	A786	A796	A7A6	A7B6				
ꝝ	ꝑ	ꝑ	ꝑ	ꝑ	ꝑ	ꝑ	ꝑ	ꝑ	ꝑ				
A727	A737	A747	A757	A767	A777	A787	A797	A7A7	A7B7				ꝑ
ꝝ	ꝑ	ꝑ	ꝑ	ꝑ	ꝑ	ꝑ	ꝑ	ꝑ	ꝑ				A7F7
A728	A738	A748	A758	A768	A778	A788	A798	A7A8	A7B8				ꝑ
ꝝ	ꝑ	ꝑ	ꝑ	ꝑ	ꝑ	ꝑ	ꝑ	ꝑ	ꝑ				A7F8
A729	A739	A749	A759	A769	A779	A789	A799	A7A9	A7B9				ꝑ
ꝝ	ꝑ	ꝑ	ꝑ	ꝑ	ꝑ	ꝑ	ꝑ	ꝑ	ꝑ				A7F9
A72A	A73A	A74A	A75A	A76A	A77A	A78A	A79A	A7AA	A7BA				ꝑ
ꝝ	ꝑ	ꝑ	ꝑ	ꝑ	ꝑ	ꝑ	ꝑ	ꝑ	ꝑ				A7FA
A72B	A73B	A74B	A75B	A76B	A77B	A78B	A79B	A7AB	A7BA				ꝑ
ꝝ	ꝑ	ꝑ	ꝑ	ꝑ	ꝑ	ꝑ	ꝑ	ꝑ	ꝑ				A7FB
A72C	A73C	A74C	A75C	A76C	A77C	A78C	A79C	A7AC	A7BA				ꝑ
ꝝ	ꝑ	ꝑ	ꝑ	ꝑ	ꝑ	ꝑ	ꝑ	ꝑ	ꝑ				A7FC
A72D	A73D	A74D	A75D	A76D	A77D	A78D	A79D	A7AD	A7BA				ꝑ
ꝝ	ꝑ	ꝑ	ꝑ	ꝑ	ꝑ	ꝑ	ꝑ	ꝑ	ꝑ				A7FD
A72E	A73E	A74E	A75E	A76E	A77E	A78E	A79E	A7BE	A7BA				ꝑ
ꝝ	ꝑ	ꝑ	ꝑ	ꝑ	ꝑ	ꝑ	ꝑ	ꝑ	ꝑ				A7FE
A72F	A73F	A74F	A75F	A76F	A77F	A78F	A79F	A7BF	A7BA				ꝑ
ꝝ	ꝑ	ꝑ	ꝑ	ꝑ	ꝑ	ꝑ	ꝑ	ꝑ	ꝑ				A7FF

**Additions for UPA**

A720  $\text{ī}$  MODIFIER LETTER STRESS AND HIGH TONE  
 A721  $\text{ī}$  MODIFIER LETTER STRESS AND LOW TONE

**Egyptological additions**

A722  $\text{ȝ}$  LATIN CAPITAL LETTER EGYPTOLOGICAL ALEF  
 A723  $\text{ȝ}$  LATIN SMALL LETTER EGYPTOLOGICAL ALEF  
 A724  $\text{ȝ}$  LATIN CAPITAL LETTER EGYPTOLOGICAL AIN  
 A725  $\text{ȝ}$  LATIN SMALL LETTER EGYPTOLOGICAL AIN  
     • this is a case pair  
     → 1D25  $\text{ȝ}$ . latin letter ain  
     → 1D5C  $\text{ȝ}$  modifier letter small ain

**Mayanist additions**

A726  $\text{Ⴣ}$  LATIN CAPITAL LETTER HENG  
 A727  $\text{Ⴣ}$  LATIN SMALL LETTER HENG  
 A728  $\text{Ⴣ}$  LATIN CAPITAL LETTER TZ  
 A729  $\text{Ⴣ}$  LATIN SMALL LETTER TZ  
 A72A  $\text{Ӭ}$  LATIN CAPITAL LETTER TRESILLO  
 A72B  $\text{Ӭ}$  LATIN SMALL LETTER TRESILLO  
 A72C  $\text{Ӯ}$  LATIN CAPITAL LETTER CUATRILLO  
 A72D  $\text{Ӯ}$  LATIN SMALL LETTER CUATRILLO  
 A72E  $\text{Ӯ}$  LATIN CAPITAL LETTER CUATRILLO WITH COMMA  
 A72F  $\text{Ӯ}$  LATIN SMALL LETTER CUATRILLO WITH COMMA

**Medievalist additions**

A730  $\text{ጀ}$  LATIN LETTER SMALL CAPITAL F  
 A731  $\text{ጀ}$  LATIN LETTER SMALL CAPITAL S  
 A732  $\text{ጀጀ}$  LATIN CAPITAL LETTER AA  
 A733  $\text{ጀጀ}$  LATIN SMALL LETTER AA  
 A734  $\text{ጀጀ}$  LATIN CAPITAL LETTER AO  
 A735  $\text{ጀጀ}$  LATIN SMALL LETTER AO  
 A736  $\text{ጀጀ}$  LATIN CAPITAL LETTER AU  
 A737  $\text{ጀጀ}$  LATIN SMALL LETTER AU  
 A738  $\text{ጀጀ}$  LATIN CAPITAL LETTER AV  
 A739  $\text{ጀጀ}$  LATIN SMALL LETTER AV  
 A73A  $\text{ጀጀ}$  LATIN CAPITAL LETTER AV WITH HORIZONTAL BAR  
 A73B  $\text{ጀጀ}$  LATIN SMALL LETTER AV WITH HORIZONTAL BAR  
 A73C  $\text{ጀጀ}$  LATIN CAPITAL LETTER AY  
 A73D  $\text{ጀጀ}$  LATIN SMALL LETTER AY  
 A73E  $\text{ጀጀ}$  LATIN CAPITAL LETTER REVERSED C WITH DOT  
 A73F  $\text{ጀጀ}$  LATIN SMALL LETTER REVERSED C WITH DOT  
 A740  $\text{ጀጀ}$  LATIN CAPITAL LETTER K WITH STROKE  
 A741  $\text{ጀጀ}$  LATIN SMALL LETTER K WITH STROKE  
 A742  $\text{ጀጀ}$  LATIN CAPITAL LETTER K WITH DIAGONAL STROKE  
 A743  $\text{ጀጀ}$  LATIN SMALL LETTER K WITH DIAGONAL STROKE  
 A744  $\text{ጀጀ}$  LATIN CAPITAL LETTER K WITH STROKE AND DIAGONAL STROKE  
 A745  $\text{ጀጀ}$  LATIN SMALL LETTER K WITH STROKE AND DIAGONAL STROKE  
 A746  $\text{ጀጀ}$  LATIN CAPITAL LETTER BROKEN L  
 A747  $\text{ጀጀ}$  LATIN SMALL LETTER BROKEN L  
 A748  $\text{ጀጀ}$  LATIN CAPITAL LETTER L WITH HIGH STROKE  
 A749  $\text{ጀጀ}$  LATIN SMALL LETTER L WITH HIGH STROKE  
 A74A  $\text{ጀጀ}$  LATIN CAPITAL LETTER O WITH LONG STROKE OVERLAY  
 A74B  $\text{ጀጀ}$  LATIN SMALL LETTER O WITH LONG STROKE OVERLAY

A74C  $\text{ጀጀ}$  LATIN CAPITAL LETTER O WITH LOOP  
 A74D  $\text{ጀጀ}$  LATIN SMALL LETTER O WITH LOOP  
 A74E  $\text{ጀጀ}$  LATIN CAPITAL LETTER OO  
 A74F  $\text{ጀጀ}$  LATIN SMALL LETTER OO  
 A750  $\text{ጀጀ}$  LATIN CAPITAL LETTER P WITH STROKE THROUGH DESCENDER  
 A751  $\text{ጀጀ}$  LATIN SMALL LETTER P WITH STROKE THROUGH DESCENDER  
 A752  $\text{ጀጀ}$  LATIN CAPITAL LETTER P WITH FLOURISH  
 A753  $\text{ጀጀ}$  LATIN SMALL LETTER P WITH FLOURISH  
 A754  $\text{ጀጀ}$  LATIN CAPITAL LETTER P WITH SQUIRREL TAIL  
 A755  $\text{ጀጀ}$  LATIN SMALL LETTER P WITH SQUIRREL TAIL  
 A756  $\text{ጀጀ}$  LATIN CAPITAL LETTER Q WITH STROKE THROUGH DESCENDER  
 A757  $\text{ጀጀ}$  LATIN SMALL LETTER Q WITH STROKE THROUGH DESCENDER  
 A758  $\text{ጀጀ}$  LATIN CAPITAL LETTER Q WITH DIAGONAL STROKE  
 A759  $\text{ጀጀ}$  LATIN SMALL LETTER Q WITH DIAGONAL STROKE  
 A75A  $\text{ጀጀ}$  LATIN CAPITAL LETTER R ROTUNDA  
 A75B  $\text{ጀጀ}$  LATIN SMALL LETTER R ROTUNDA  
 A75C  $\text{ጀጀ}$  LATIN CAPITAL LETTER RUM ROTUNDA  
 A75D  $\text{ጀጀ}$  LATIN SMALL LETTER RUM ROTUNDA  
 A75E  $\text{ጀጀ}$  LATIN CAPITAL LETTER V WITH DIAGONAL STROKE  
 A75F  $\text{ጀጀ}$  LATIN SMALL LETTER V WITH DIAGONAL STROKE  
 A760  $\text{ጀጀ}$  LATIN CAPITAL LETTER VY  
 A761  $\text{ጀጀ}$  LATIN SMALL LETTER VY  
 A762  $\text{ጀጀ}$  LATIN CAPITAL LETTER VISIGOTHIC Z  
 A763  $\text{ጀጀ}$  LATIN SMALL LETTER VISIGOTHIC Z  
 A764  $\text{ጀጀ}$  LATIN CAPITAL LETTER THORN WITH STROKE  
 A765  $\text{ጀጀ}$  LATIN SMALL LETTER THORN WITH STROKE  
 A766  $\text{ጀጀ}$  LATIN CAPITAL LETTER THORN WITH STROKE THROUGH DESCENDER  
 A767  $\text{ጀጀ}$  LATIN SMALL LETTER THORN WITH STROKE THROUGH DESCENDER  
 A768  $\text{ጀጀ}$  LATIN CAPITAL LETTER VEND  
 A769  $\text{ጀጀ}$  LATIN SMALL LETTER VEND  
 A76A  $\text{ጀጀ}$  LATIN CAPITAL LETTER ET  
 A76B  $\text{ጀጀ}$  LATIN SMALL LETTER ET  
 A76C  $\text{ጀጀ}$  LATIN CAPITAL LETTER IS  
 A76D  $\text{ጀጀ}$  LATIN SMALL LETTER IS  
 A76E  $\text{ጀጀ}$  LATIN CAPITAL LETTER CON  
 A76F  $\text{ጀጀ}$  LATIN SMALL LETTER CON  
 A770  $\text{ጀጀ}$  MODIFIER LETTER US  
     ≈  $\text{ጀጀ}$  A76F 9  
 A771  $\text{ጀጀ}$  LATIN SMALL LETTER DUM  
 A772  $\text{ጀጀ}$  LATIN SMALL LETTER LUM  
 A773  $\text{ጀጀ}$  LATIN SMALL LETTER MUM  
 A774  $\text{ጀጀ}$  LATIN SMALL LETTER NUM  
 A775  $\text{ጀጀ}$  LATIN SMALL LETTER RUM  
 A776  $\text{ጀጀ}$  LATIN LETTER SMALL CAPITAL RUM  
 A777  $\text{ጀጀ}$  LATIN SMALL LETTER TUM  
 A778  $\text{ጀጀ}$  LATIN SMALL LETTER UM

**Insular and Celtist letters**

A779  $\text{ጀጀ}$  LATIN CAPITAL LETTER INSULAR D  
 A77A  $\text{ጀጀ}$  LATIN SMALL LETTER INSULAR D  
 A77B  $\text{ጀጀ}$  LATIN CAPITAL LETTER INSULAR F  
 A77C  $\text{ጀጀ}$  LATIN SMALL LETTER INSULAR F  
 A77D  $\text{ጀጀ}$  LATIN CAPITAL LETTER INSULAR G  
     • lowercase is 1D79  $\text{ጀጀ}$

A77E	⌚	LATIN CAPITAL LETTER TURNED INSULAR G
A77F	⌚	LATIN SMALL LETTER TURNED INSULAR G
A780	⌚	LATIN CAPITAL LETTER TURNED L
A781	⌚	LATIN SMALL LETTER TURNED L
A782	⌚	LATIN CAPITAL LETTER INSULAR R
A783	⌚	LATIN SMALL LETTER INSULAR R
A784	⌚	LATIN CAPITAL LETTER INSULAR S
A785	⌚	LATIN SMALL LETTER INSULAR S
A786	⌚	LATIN CAPITAL LETTER INSULAR T
A787	⌚	LATIN SMALL LETTER INSULAR T

**Modifier letters**

A788	^	MODIFIER LETTER LOW CIRCUMFLEX ACCENT → 02C6 ^ modifier letter circumflex accent → 2038 ^ caret
A789	:	MODIFIER LETTER COLON • used as a tone letter in some orthographies • Budu (Congo), Sabao (Kenya), and several Papua New Guinea languages → 003A : colon
A78A	=	MODIFIER LETTER SHORT EQUALS SIGN • used as a tone letter in some orthographies • Budu (Congo) → 003D = equals sign

**Orthographic letters for glottals**

A78B	'	LATIN CAPITAL LETTER SALTILO • Me'phaa (Mexico)
A78C	'	LATIN SMALL LETTER SALTILO • saltillos are used as a casing pair for glottal stop in some orthographies • the lowercase is widely used in many languages in Mexico and other regions, including Izere in Nigeria → 0027 ' apostrophe → 0242 ՚ latin small letter glottal stop → 0294 ՚ latin letter glottal stop → 02BC ' modifier letter apostrophe → 02C0 ՚ modifier letter glottal stop

**Additional letter**

A78D	匚	LATIN CAPITAL LETTER TURNED H • used in the Dan/Gio orthography in Liberia • lowercase is 0265 ՚
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**Phonetic symbol**

A78E	՚	LATIN SMALL LETTER L WITH RETROFLEX HOOK AND BELT • voiceless lateral retroflex fricative • used to transcribe Toda
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**Transliteration letter**

A78F	・	LATIN LETTER SINOLOGICAL DOT • used for transliteration for Phags-Pa and phonetic transcription for Tangut → 00B7 ・ middle dot
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**Additional letters**

A790	ጀ	LATIN CAPITAL LETTER N WITH DESCENDER
A791	ጀ	LATIN SMALL LETTER N WITH DESCENDER • Janalif
A792	ጀ	LATIN CAPITAL LETTER C WITH BAR = Cambrian symbol
A793	ጀ	LATIN SMALL LETTER C WITH BAR • Nanai

**Additions for Lithuanian dialectology**

A794	ጀ	LATIN SMALL LETTER C WITH PALATAL HOOK
A795	ጀ	LATIN SMALL LETTER H WITH PALATAL HOOK → A727 ሂ latin small letter heng

**Letters for Middle Vietnamese**

A796	ጀ	LATIN CAPITAL LETTER B WITH FLOURISH
A797	ጀ	LATIN SMALL LETTER B WITH FLOURISH

**Archaic letters for Ewe**

A798	ጀ	LATIN CAPITAL LETTER F WITH STROKE → 0191 ሂ latin capital letter f with hook
A799	ጀ	LATIN SMALL LETTER F WITH STROKE • old Ewe orthography • also used in German dialectology

**Archaic letters for Volapük**

A79A	ጀ	LATIN CAPITAL LETTER VOLAPUK AE
A79B	ጀ	LATIN SMALL LETTER VOLAPUK AE
A79C	ጀ	LATIN CAPITAL LETTER VOLAPUK OE
A79D	ጀ	LATIN SMALL LETTER VOLAPUK OE
A79E	ጀ	LATIN CAPITAL LETTER VOLAPUK UE
A79F	ጀ	LATIN SMALL LETTER VOLAPUK UE

**Latvian letters for pre-1921 orthography**

A7A0	ጀ	LATIN CAPITAL LETTER G WITH OBLIQUE STROKE
A7A1	ጀ	LATIN SMALL LETTER G WITH OBLIQUE STROKE
A7A2	ጀ	LATIN CAPITAL LETTER K WITH OBLIQUE STROKE
A7A3	ጀ	LATIN SMALL LETTER K WITH OBLIQUE STROKE
A7A4	ጀ	LATIN CAPITAL LETTER N WITH OBLIQUE STROKE
A7A5	ጀ	LATIN SMALL LETTER N WITH OBLIQUE STROKE
A7A6	ጀ	LATIN CAPITAL LETTER R WITH OBLIQUE STROKE
A7A7	ጀ	LATIN SMALL LETTER R WITH OBLIQUE STROKE
A7A8	ጀ	LATIN CAPITAL LETTER S WITH OBLIQUE STROKE
A7A9	ጀ	LATIN SMALL LETTER S WITH OBLIQUE STROKE • also used in pre-1950 Lower Sorbian orthography → 1E9C ሂ latin small letter long s with diagonal stroke

**Additional letters**

A7AA	ጀ	LATIN CAPITAL LETTER H WITH HOOK • lowercase is 0266 ሂ
A7AB	ጀ	LATIN CAPITAL LETTER REVERSED OPEN E • lowercase is 025C ሃ
A7AC	ጀ	LATIN CAPITAL LETTER SCRIPT G • lowercase is 0261 ሂ
A7AD	ጀ	LATIN CAPITAL LETTER L WITH BELT • lowercase is 026C ሂ

**Letters for Americanist orthographies**

A7B0	ጀ	LATIN CAPITAL LETTER TURNED K • lowercase is 029E ሂ
A7B1	ጀ	LATIN CAPITAL LETTER TURNED T • lowercase is 0287 ሂ

**Letter for African languages**

A7B2	ጀ	LATIN CAPITAL LETTER J WITH CROSSED-TAIL • lowercase is 029D ሂ
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**Letter for German dialectology**

A7B3  $\chi$  LATIN CAPITAL LETTER CHI  
 • lower case is A7B3  $\chi$

**Letters for African languages**

A7B4  $\beta$  LATIN CAPITAL LETTER BETA  
 A7B5  $\beta$  LATIN SMALL LETTER BETA  
 A7B6  $\omega$  LATIN CAPITAL LETTER OMEGA  
 A7B7  $\omega$  LATIN SMALL LETTER OMEGA

**Additional letter**

A7F7  $\rightarrow$  LATIN EPIGRAPHIC LETTER SIDEWAYS I  
 • Celtic inscriptions

**Additions for Extended IPA**

A7F8  $^{\text{H}}$  MODIFIER LETTER CAPITAL H WITH STROKE  
 • faucalized  
 $\approx <\text{super}> 0126 \text{H}$   
 A7F9  $^{\text{oe}}$  MODIFIER LETTER SMALL LIGATURE OE  
 • labialized: open-rounded  
 $\approx <\text{super}> 0153 \text{oe}$

**Addition for UPA**

A7FA  $\text{m}$  LATIN LETTER SMALL CAPITAL TURNED M

**Ancient Roman epigraphic letters**

A7FB  $\text{F}$  LATIN EPIGRAPHIC LETTER REVERSED F  
 A7FC  $\text{P}$  LATIN EPIGRAPHIC LETTER REVERSED P  
 A7FD  $\text{M}$  LATIN EPIGRAPHIC LETTER INVERTED M  
 A7FE  $\text{i}$  LATIN EPIGRAPHIC LETTER I LONGA  
 A7FF  $\text{M}$  LATIN EPIGRAPHIC LETTER ARCHAIC M

	A80	A81	A82
0	କ୍ଷ	ଶ	ତ୍ର
	A800	A810	A820
1	ଶ୍ର	ଚ	ଳ୍ଳ
	A801	A811	A821
2	ଙ୍ଗ	ଖ	ଧ୍ରୁ
	A802	A812	A822
3	ତ୍ରୁ	ଟ	ଠୀ
	A803	A813	A823
4	ପ୍ରେ	ର୍ମ	ହୀ
	A804	A814	A824
5	ବ୍ଲୁ	ଲ୍ଲ	ଶ୍ରୁତି
	A805	A815	A825
6	ପ୍ରୁଣୁ	ଦ୍ରୁଣୁ	ଶ୍ରୁଦ୍ଧି
	A806	A816	A826
7	ପ୍ରା	ର୍ମା	ହୋ
	A807	A817	A827
8	ଲ୍ଲା	ର୍ମ	୦
	A808	A818	A828
9	ଗ୍ରା	ର୍ମା	୧
	A809	A819	A829
A	ବ୍ରୁ	ଦ୍ରୁ	୨୦
	A80A	A81A	A82A
B	ପ୍ରୁଣୁ	ର୍ମା	୨୧
	A80B	A81B	A82B
C	ବ୍ରୁ	ର୍ମା	
D	ଲ୍ଲା	ର୍ମା	
E	ଜ୍ଞ	ର୍ମ	
	A80E	A81E	
F	ବ୍ରୁ	ର୍ମା	
	A80F	A81F	

## **Independent vowels and dvisvara**

- |      |   |                            |
|------|---|----------------------------|
| A800 | ፪ | SYLOTI NAGRI LETTER A      |
| A801 | ፫ | SYLOTI NAGRI LETTER I      |
| A802 | ፯ | SYLOTI NAGRI SIGN DVISVARA |
| A803 | ፭ | SYLOTI NAGRI LETTER U      |
| A804 | ፮ | SYLOTI NAGRI LETTER E      |
| A805 | ፯ | SYLOTI NAGRI LETTER O      |

## Sign

- A806 ◦ SYLOTI NAGRI SIGN HASANTA  
= halant, virama

## **Consonants and consonant signs**

- |      |         |                            |
|------|---------|----------------------------|
| A807 | ପ୍ର     | SYLOTI NAGRI LETTER KO     |
| A808 | ପ୍ଲ     | SYLOTI NAGRI LETTER KHO    |
| A809 | ଗ୍ର     | SYLOTI NAGRI LETTER GO     |
| A80A | ବ୍ର     | SYLOTI NAGRI LETTER GHO    |
| A80B | ଙ୍ମ     | SYLOTI NAGRI SIGN ANUSVARA |
| A80C | ବ୍ର     | SYLOTI NAGRI LETTER CO     |
| A80D | ଫ୍ର     | SYLOTI NAGRI LETTER CHO    |
| A80E | ଜ୍ଞ     | SYLOTI NAGRI LETTER JO     |
| A80F | ଫ୍ର     | SYLOTI NAGRI LETTER JHO    |
| A810 | ତ୍ତ୍ଵ   | SYLOTI NAGRI LETTER TTO    |
| A811 | ତ୍ତ୍ଵ   | SYLOTI NAGRI LETTER TTTHO  |
| A812 | ଡ୍ର     | SYLOTI NAGRI LETTER DDO    |
| A813 | ଟ୍ଟ୍ର   | SYLOTI NAGRI LETTER DDHO   |
| A814 | ତ୍ର୍ର   | SYLOTI NAGRI LETTER TO     |
| A815 | ଥ୍ର୍ର   | SYLOTI NAGRI LETTER THO    |
| A816 | ଦ୍ର୍ର   | SYLOTI NAGRI LETTER DO     |
| A817 | ଧ୍ର୍ର   | SYLOTI NAGRI LETTER DHO    |
| A818 | ନ୍ତ୍ର   | SYLOTI NAGRI LETTER NO     |
| A819 | ପ୍ର୍ତ୍ର | SYLOTI NAGRI LETTER PO     |
| A81A | ଫ୍ର୍ତ୍ର | SYLOTI NAGRI LETTER PHO    |
| A81B | ବ୍ର୍ତ୍ର | SYLOTI NAGRI LETTER BO     |
| A81C | ଗ୍ର୍ତ୍ର | SYLOTI NAGRI LETTER BHO    |
| A81D | ମ୍ର୍ତ୍ର | SYLOTI NAGRI LETTER MO     |
| A81E | ର୍ତ୍ର   | SYLOTI NAGRI LETTER RO     |
| A81F | ଲ୍ର୍ତ୍ର | SYLOTI NAGRI LETTER LO     |
| A820 | ର୍ର୍ତ୍ର | SYLOTI NAGRI LETTER RRO    |
| A821 | ସ୍ର୍ତ୍ର | SYLOTI NAGRI LETTER SO     |
| A822 | ହ୍ର୍ତ୍ର | SYLOTI NAGRI LETTER HO     |

## Dependent vowel signs

- |      |   |                            |
|------|---|----------------------------|
| A823 | ଓ | SYLOTI NAGRI VOWEL SIGN A  |
| A824 | ଡ | SYLOTI NAGRI VOWEL SIGN I  |
| A825 | ঁ | SYLOTI NAGRI VOWEL SIGN U  |
| A826 | ঁ | SYLOTI NAGRI VOWEL SIGN E  |
| A827 | ঁ | SYLOTI NAGRI VOWEL SIGN OO |

## Poetry marks

- A828 ° SYLOTI NAGRI POETRY MARK-1  
A829 § SYLOTI NAGRI POETRY MARK-2  
A82A ☹ SYLOTI NAGRI POETRY MARK-3  
A82B ☻ SYLOTI NAGRI POETRY MARK-4

	A83
0	 A830
1	 A831
2	 A832
3	- A833
4	= A834
5	≡ A835
6	◦ A836
7	፩ A837
8	፪ A838
9	፫ A839
A	
B	
C	
D	
E	
F	

**Number forms**

- A830 I NORTH INDIC FRACTION ONE QUARTER  
 A831 II NORTH INDIC FRACTION ONE HALF  
 A832 III NORTH INDIC FRACTION THREE QUARTERS  
 A833 - NORTH INDIC FRACTION ONE SIXTEENTH  
 A834 = NORTH INDIC FRACTION ONE EIGHTH  
 A835 ≡ NORTH INDIC FRACTION THREE SIXTEENTHS  
 A836 ◦ NORTH INDIC QUARTER MARK

**Miscellaneous sign**

- A837 ₔ NORTH INDIC PLACEHOLDER MARK  
 • indicates the absence of an intermediate unit in a currency value

**Currency sign**

- A838 ⠠ NORTH INDIC RUPEE MARK  
 → 09F2 ⠠ bengali rupee mark

**Miscellaneous sign**

- A839 ⠈ NORTH INDIC QUANTITY MARK  
 • a unit mark for various weights and measures

A840

Phags-pa

A87F

	A84	A85	A86	A87
0	𠁥	𠁦	𠁧	𠁨
1	𠁩	𠁪	𠁫	𠁬
2	𠁪	𠁤	𠁭	𠁮
3	𠁱	𠁬	𠁮	𠁯
4	𠁲	𠁭	𠁨	𠁰
5	𠁢	𠁱	𠁧	𠁱
6	𠁴	𠁵	𠁶	𠁷
7	𠁵	𠁶	𠁷	𠁸
8	𠁹	𠁺	𠁻	
9	𠁻	𠁻	𠁻	
A	𠁻	𠁻	𠁻	
B	𠁻	𠁻	𠁻	
C	𠁻	𠁻	𠁻	
D	𠁻	𠁻	𠁻	
E	𠁻	𠁻	𠁻	
F	𠁻	𠁻	𠁻	

A840

*Phags-pa letters are used for Mongolian, Chinese, Uighur, Tibetan, and Sanskrit unless annotated with a more restricted list of languages.*

**Consonants**

- A840 **𠁻** PHAGS-PA LETTER KA
  - Mongolian, Chinese, Tibetan, Sanskrit  
→ 0F40 ཀ tibetan letter ka
- A841 **𠁼** PHAGS-PA LETTER KHA
  - 0F41 ཁ tibetan letter kha
- A842 **𠁽** PHAGS-PA LETTER GA
  - 0F42 ཁ tibetan letter ga
- A843 **𠁾** PHAGS-PA LETTER NGA
  - Mongolian, Chinese, Tibetan, Sanskrit  
→ 0F44 ཁ tibetan letter nga
- A844 **𠁷** PHAGS-PA LETTER CA
  - Chinese, Tibetan  
→ 0F45 ཁ tibetan letter ca
- A845 **𠁸** PHAGS-PA LETTER CHA
  - Mongolian, Chinese, Uighur, Tibetan  
→ 0F46 ཁ tibetan letter cha
- A846 **𠁹** PHAGS-PA LETTER JA
  - Mongolian, Chinese, Uighur, Tibetan  
→ 0F47 ཁ tibetan letter ja
- A847 **𠁺** PHAGS-PA LETTER NYA
  - Chinese, Tibetan, Sanskrit  
→ 0F49 ཁ tibetan letter nya
- A848 **𠁻** PHAGS-PA LETTER TA
  - Mongolian, Chinese, Tibetan, Sanskrit  
→ 0F4F ཁ tibetan letter ta
- A849 **𠁽** PHAGS-PA LETTER THA
  - 0F50 ཁ tibetan letter tha
- A84A **𠁽** PHAGS-PA LETTER DA
  - 0F51 ཁ tibetan letter da
- A84B **𠁽** PHAGS-PA LETTER NA
  - 0F53 ཁ tibetan letter na
- A84C **𠁽** PHAGS-PA LETTER PA
  - Mongolian, Chinese, Tibetan, Sanskrit  
→ 0F54 ཁ tibetan letter pa
- A84D **𠁽** PHAGS-PA LETTER PHA
  - Chinese, Tibetan, Sanskrit  
→ 0F55 ཁ tibetan letter pha
- A84E **𠁽** PHAGS-PA LETTER BA
  - 0F56 ཁ tibetan letter ba
- A84F **𠁽** PHAGS-PA LETTER MA
  - 0F58 ཁ tibetan letter ma
- A850 **𠁽** PHAGS-PA LETTER TSA
  - Chinese, Tibetan, Sanskrit  
→ 0F59 ཁ tibetan letter tsa
- A851 **𠁽** PHAGS-PA LETTER TSHA
  - Mongolian, Chinese, Tibetan, Sanskrit  
→ 0F5A ཁ tibetan letter tsha
- A852 **𠁽** PHAGS-PA LETTER DZA
  - Chinese, Tibetan, Sanskrit  
→ 0F5B ཁ tibetan letter dza
- A853 **𠁽** PHAGS-PA LETTER WA
  - 0F5D ཁ tibetan letter wa
- A854 **𠁽** PHAGS-PA LETTER ZHA
  - Chinese, Tibetan  
→ 0F5E ཁ tibetan letter zha
- A855 **𠁽** PHAGS-PA LETTER ZA
  - Mongolian, Chinese, Tibetan  
→ 0F5F ཁ tibetan letter za

Phags-pa

A868

- A856 **𠁻** PHAGS-PA LETTER SMALL A
  - 0F60 ཁ tibetan letter -a
  - ~ A856 FE00 **𠁽** phags-pa letter reversed shaping small a
- A857 **𠁼** PHAGS-PA LETTER YA
  - 0F61 ཁ tibetan letter ya
- A858 **𠁽** PHAGS-PA LETTER RA
  - Mongolian, Uighur, Tibetan, Sanskrit  
→ 0F62 ཁ tibetan letter ra
- A859 **𠁽** PHAGS-PA LETTER LA
  - 0F63 ཁ tibetan letter la
- A85A **𠁽** PHAGS-PA LETTER SHA
  - 0F64 ཁ tibetan letter sha
- A85B **𠁽** PHAGS-PA LETTER SA
  - 0F66 ཁ tibetan letter sa
- A85C **𠁽** PHAGS-PA LETTER HA
  - 0F67 ཁ tibetan letter ha
  - ~ A85C FE00 **𠁽** phags-pa letter reversed shaping ha

**Letter A**

- A85D **𠁽** PHAGS-PA LETTER A
  - 0F68 ཁ tibetan letter a

**Vowels**

- A85E **𠁽** PHAGS-PA LETTER I
  - 0F72 ཁ tibetan vowel sign i
  - ~ A85E FE00 **𠁽** phags-pa letter reversed shaping i
- A85F **𠁽** PHAGS-PA LETTER U
  - 0F74 ཁ tibetan vowel sign u
  - ~ A85F FE00 **𠁽** phags-pa letter reversed shaping u
- A860 **𠁽** PHAGS-PA LETTER E
  - 0F7A ཁ tibetan vowel sign e
  - ~ A860 FE00 **𠁽** phags-pa letter reversed shaping e
- A861 **𠁽** PHAGS-PA LETTER O
  - 0F7C ཁ tibetan vowel sign o

**Consonants**

- A862 **𠁽** PHAGS-PA LETTER QA
  - Mongolian, Uighur
- A863 **𠁽** PHAGS-PA LETTER XA
  - Mongolian, Chinese
- A864 **𠁽** PHAGS-PA LETTER FA
  - Chinese, Uighur  
→ A85C **𠁽** phags-pa letter ha
- A865 **𠁽** PHAGS-PA LETTER GGA
  - language usage unknown
  - created by reversal of A862 **𠁽**

**Vowel**

- A866 **𠁽** PHAGS-PA LETTER EE
  - Mongolian, Chinese, Uighur

**Subjoined consonants**

- A867 **𠁽** PHAGS-PA SUBJOINED LETTER WA
  - Chinese, Tibetan, Sanskrit  
→ 0FAD ཁ tibetan subjoined letter wa
- A868 **𠁽** PHAGS-PA SUBJOINED LETTER YA
  - Chinese, Tibetan, Sanskrit  
→ 0FB1 ཁ tibetan subjoined letter ya
  - ~ A868 FE00 **𠁽** phags-pa letter reversed shaping subjoined ya

**Consonant additions for Sanskrit**

A869  PHAGS-PA LETTER TTA  
 • Sanskrit  
 → 0F4A བ tibetan letter tta

A86A  PHAGS-PA LETTER TTHA  
 • Sanskrit  
 → 0F4B བ tibetan letter ttha

A86B  PHAGS-PA LETTER DDA  
 • Sanskrit  
 → 0F4C བ tibetan letter dda

A86C  PHAGS-PA LETTER NNA  
 • Sanskrit  
 → 0F4E བ tibetan letter nna

**Alternate consonant forms for Chinese**

A86D  PHAGS-PA LETTER ALTERNATE YA  
 • Chinese  
 → A857 ར phags-pa letter ya

A86E  PHAGS-PA LETTER VOICELESS SHA  
 • Chinese  
 → A85A ལ phags-pa letter sha

A86F  PHAGS-PA LETTER VOICED HA  
 • Chinese  
 → A85C ང phags-pa letter ha

A870  PHAGS-PA LETTER ASPIRATED FA  
 • Chinese  
 → A864 ཁ phags-pa letter fa

**Subjoined consonant**

A871  PHAGS-PA SUBJOINED LETTER RA  
 • Tibetan, Sanskrit  
 → 0FB2 ཉ tibetan subjoined letter ra

**Consonant addition for Tibetan**

A872  PHAGS-PA SUPERFIXED LETTER RA  
 • Tibetan  
 → 0F62 ཈ tibetan letter ra

**Candrabindu**

A873  PHAGS-PA LETTER CANDRABINDU  
 • Sanskrit  
 → 0F83 ཁ tibetan sign sna ldan  
 → 0F7E ཁ tibetan sign rjes su nga ro  
 → 1880 ཁ mongolian letter ali gali anusvara one

**Head marks for Tibetan**

A874  PHAGS-PA SINGLE HEAD MARK  
 • Tibetan  
 • marks beginning of text  
 → 0F04 ཁ tibetan mark initial yig mgo mdun ma  
 → 1800 ཁ mongolian birga

A875  PHAGS-PA DOUBLE HEAD MARK  
 • Tibetan  
 • marks beginning of text

**Punctuation for Tibetan**

A876  PHAGS-PA MARK SHAD  
 • Tibetan  
 → 0F0D ་ tibetan mark shad

A877  PHAGS-PA MARK DOUBLE SHAD  
 • Tibetan  
 → 0F0E ༌ tibetan mark nyis shad

A856

Phags-pa

A868

**Standardized Variation Sequences**A856  PHAGS-PA LETTER SMALL A

A856



A856 FE00

phags-pa letter reversed shaping  
small aA85C  PHAGS-PA LETTER HA

A85C



A85C FE00

phags-pa letter reversed shaping ha

A85E  PHAGS-PA LETTER I

A85E



A85E FE00

phags-pa letter reversed shaping i

A85F  PHAGS-PA LETTER U

A85F



A85F FE00

phags-pa letter reversed shaping u

A860  PHAGS-PA LETTER E

A860



A860 FE00

phags-pa letter reversed shaping e

A868  PHAGS-PA SUBJOINED LETTER YA

A868



A868 FE00

phags-pa letter reversed shaping  
subjoined ya

	A88	A89	A8A	A8B	A8C	A8D
0	ં	ા	ં	ઃ	ુ	૦
1	ં	ા	ં	ઃ	ુ	૧
2	ં	ા	ં	ઃ	ુ	૨
3	ં	ા	ં	ઃ	ુ	૩
4	ં	ા	ં	ઃ	ુ	૪
5	ં	ા	ં	ઃ		૫
6	ં	ા	ં	ઃ		૬
7	ં	ા	ં	ઃ		૭
8	ં	ા	ં	ઃ		૮
9	ં	ા	ં	ઃ		૯
A	ં	ા	ં	ઃ		
B	ં	ા	ં	ઃ		
C	ં	ા	ં	ઃ		
D	ં	ા	ં	ઃ		
E	ં	ા	ં	ઃ		
F	ં	ા	ં	ઃ		

A880

Saurashtra

A8D9

**Various signs**

- A880 ◦ጀ SAURASHTRA SIGN ANUSVARA  
 A881 ◦ጀ SAURASHTRA SIGN VISARGA

**Independent vowels**

- A882 ጥ SAURASHTRA LETTER A  
 A883 ጋ SAURASHTRA LETTER AA  
 A884 ጊ SAURASHTRA LETTER I  
 A885 ጋ SAURASHTRA LETTER II  
 A886 ገ SAURASHTRA LETTER U  
 A887 ጉ SAURASHTRA LETTER UU  
 A888 ጋ SAURASHTRA LETTER VOCALIC R  
 A889 ጋ SAURASHTRA LETTER VOCALIC RR  
 A88A ጋ SAURASHTRA LETTER VOCALIC L  
 A88B ጋ SAURASHTRA LETTER VOCALIC LL  
 A88C ጋ SAURASHTRA LETTER E  
 A88D ጋ SAURASHTRA LETTER EE  
 A88E ጋ SAURASHTRA LETTER AI  
 A88F ጋ SAURASHTRA LETTER O  
 A890 ጋ SAURASHTRA LETTER OO  
 A891 ጋ SAURASHTRA LETTER AU

**Consonants**

- A892 ግ SAURASHTRA LETTER KA  
 A893 ጋ SAURASHTRA LETTER KHA  
 A894 ግ SAURASHTRA LETTER GA  
 A895 ጋ SAURASHTRA LETTER GHA  
 A896 ግ SAURASHTRA LETTER NGA  
 A897 ጋ SAURASHTRA LETTER CA  
 A898 ጋ SAURASHTRA LETTER CHA  
 A899 ጋ SAURASHTRA LETTER JA  
 A89A ጋ SAURASHTRA LETTER JHA  
 A89B ጋ SAURASHTRA LETTER NYA  
 A89C ጋ SAURASHTRA LETTER TTA  
 A89D ጋ SAURASHTRA LETTER TTHA  
 A89E ጋ SAURASHTRA LETTER DDA  
 A89F ጋ SAURASHTRA LETTER DDHA  
 A8A0 ጋ SAURASHTRA LETTER NNA  
 A8A1 ጋ SAURASHTRA LETTER TA  
 A8A2 ጋ SAURASHTRA LETTER THA  
 A8A3 ጋ SAURASHTRA LETTER DA  
 A8A4 ጋ SAURASHTRA LETTER DHA  
 A8A5 ጋ SAURASHTRA LETTER NA  
 A8A6 ጋ SAURASHTRA LETTER PA  
 A8A7 ጋ SAURASHTRA LETTER PHA  
 A8A8 ጋ SAURASHTRA LETTER BA  
 A8A9 ጋ SAURASHTRA LETTER BHA  
 A8AA ጋ SAURASHTRA LETTER MA  
 A8AB ጋ SAURASHTRA LETTER YA  
 A8AC ጋ SAURASHTRA LETTER RA  
 A8AD ጋ SAURASHTRA LETTER LA  
 A8AE ጋ SAURASHTRA LETTER VA  
 A8AF ጋ SAURASHTRA LETTER SHA  
 A8B0 ጋ SAURASHTRA LETTER SSA  
 A8B1 ጋ SAURASHTRA LETTER SA  
 A8B2 ጋ SAURASHTRA LETTER HA  
 A8B3 ጋ SAURASHTRA LETTER LLA  
 A8B4 ◦ጀ SAURASHTRA CONSONANT SIGN HAARU

**Dependent vowel signs**

- A8B5 ◦ጀ SAURASHTRA VOWEL SIGN AA  
 A8B6 ◦ጀ SAURASHTRA VOWEL SIGN I  
 A8B7 ◦ጀ SAURASHTRA VOWEL SIGN II

A8B8 ◦ጀ SAURASHTRA VOWEL SIGN U

- A8B9 ◦ጀ SAURASHTRA VOWEL SIGN UU  
 A8BA ◦ጀ SAURASHTRA VOWEL SIGN VOCALIC R  
 A8BB ◦ጀ SAURASHTRA VOWEL SIGN VOCALIC RR  
 A8BC ◦ጀ SAURASHTRA VOWEL SIGN VOCALIC L  
 A8BD ◦ጀ SAURASHTRA VOWEL SIGN VOCALIC LL  
 A8BE ◦ጀ SAURASHTRA VOWEL SIGN E  
 A8BF ◦ጀ SAURASHTRA VOWEL SIGN EE  
 A8C0 ◦ጀ SAURASHTRA VOWEL SIGN AI  
 A8C1 ◦ጀ SAURASHTRA VOWEL SIGN O  
 A8C2 ◦ጀ SAURASHTRA VOWEL SIGN OO  
 A8C3 ◦ጀ SAURASHTRA VOWEL SIGN AU

**Virama**

- A8C4 ◦ጀ SAURASHTRA SIGN VIRAMA

**Punctuation**

- A8CE | SAURASHTRA DANDA  
 A8CF || SAURASHTRA DOUBLE DANDA

**Digits**

- A8D0 ० SAURASHTRA DIGIT ZERO  
 A8D1 १ SAURASHTRA DIGIT ONE  
 A8D2 २ SAURASHTRA DIGIT TWO  
 A8D3 ३ SAURASHTRA DIGIT THREE  
 A8D4 ४ SAURASHTRA DIGIT FOUR  
 A8D5 ५ SAURASHTRA DIGIT FIVE  
 A8D6 ६ SAURASHTRA DIGIT SIX  
 A8D7 ७ SAURASHTRA DIGIT SEVEN  
 A8D8 ८ SAURASHTRA DIGIT EIGHT  
 A8D9 ९ SAURASHTRA DIGIT NINE

	A8E	A8F
0	०	०
	०	०
	A8E0	A8F0
1	१	१
	१	१
	A8E1	A8F1
2	२	२
	२	२
	A8E2	A8F2
3	३	३
	३	३
	A8E3	A8F3
4	४	४
	४	४
	A8E4	A8F4
5	५	५
	५	५
	A8E5	A8F5
6	६	६
	६	६
	A8E6	A8F6
7	७	७
	७	७
	A8E7	A8F7
8	८	८
	८	८
	A8E8	A8F8
9	९	९
	९	९
	A8E9	A8F9
A	अ	अ
	अ	अ
	A8EA	A8FA
B	उ	उ
	उ	उ
	A8EB	A8FB
C	क	क
	क	क
	A8EC	A8FC
D	न	
	न	
	A8ED	
E	प	
	प	
	A8EE	
F	र	
	र	
	A8EF	

**Cantillation marks (svara) for the Samaveda**

*See the similar set of Grantha svara markers for the Samaveda, encoded in the range 11366-11374.*

A8E0	◦ COMBINING DEVANAGARI DIGIT ZERO = vaidika saamasvara anka shunya
A8E1	◦ COMBINING DEVANAGARI DIGIT ONE = vaidika saamasvara anka eka udaatta
A8E2	◦ COMBINING DEVANAGARI DIGIT TWO = vaidika saamasvara anka dvi svarita
A8E3	◦ COMBINING DEVANAGARI DIGIT THREE = vaidika saamasvara anka tri anudaatta
A8E4	◦ COMBINING DEVANAGARI DIGIT FOUR = vaidika saamasvara anka chatur
A8E5	◦ COMBINING DEVANAGARI DIGIT FIVE = vaidika saamasvara anka pancha
A8E6	◦ COMBINING DEVANAGARI DIGIT SIX = vaidika saamasvara anka shatt
A8E7	◦ COMBINING DEVANAGARI DIGIT SEVEN = vaidika saamasvara anka sapta
A8E8	◦ COMBINING DEVANAGARI DIGIT EIGHT = vaidika saamasvara anka ashta
A8E9	◦ COMBINING DEVANAGARI DIGIT NINE = vaidika saamasvara anka nava
A8EA	◦ COMBINING DEVANAGARI LETTER A = vaidika saamasvara abhinihita
A8EB	◦ COMBINING DEVANAGARI LETTER U = vaidika saamasvara u
A8EC	◦ COMBINING DEVANAGARI LETTER KA = vaidika saamasvara ka
A8ED	◦ COMBINING DEVANAGARI LETTER NA = vaidika saamasvara namana
A8EE	◦ COMBINING DEVANAGARI LETTER PA = vaidika saamasvara prannatam
A8EF	◦ COMBINING DEVANAGARI LETTER RA = vaidika saamasvara ra
A8F0	◦ COMBINING DEVANAGARI LETTER VI = vaidika saamasvara vinata
A8F1	◦ COMBINING DEVANAGARI SIGN AVAGRAHA = vaidika saamasvara diirghiibhaava

**Marks of nasalization**

A8F2	◦ DEVANAGARI SIGN SPACING CANDRABINDU = vaidika candrabindu → 0901 ◦ devanagari sign candrabindu
A8F3	◦ DEVANAGARI SIGN CANDRABINDU VIRAMA = vaidika anusvaara candrabindu tiryak
A8F4	◦ DEVANAGARI SIGN DOUBLE CANDRABINDU VIRAMA = vaidika anusvaara dvi candrabindu tiryak
A8F5	◦ DEVANAGARI SIGN CANDRABINDU TWO = vaidika anusvaara candrabindu sa-dvi
A8F6	◦ DEVANAGARI SIGN CANDRABINDU THREE = vaidika anusvaara candrabindu sa-tri
A8F7	◦ DEVANAGARI SIGN CANDRABINDU AVAGRAHA = vaidika anusvaara candrabindu sa-avagraha

**Editorial marks**

A8F8	◦ DEVANAGARI SIGN PUSHPIKA = vaidika pushpikaa • used as a placeholder or “filler” • often flanked by double dandas
A8F9	◦ DEVANAGARI GAP FILLER • used to indicate that a gap in a manuscript or text is not a lacuna

A8FA	◦ DEVANAGARI CARET = vaidika trutikaa
	• zero-advance character centered on the point between two orthographic syllables
	• used for insertion of characters
	→ 2038 ^ caret
A8FB	- DEVANAGARI HEADSTROKE = shirorekhaa
	• used to indicate uncertain manuscript readings
	<b>Sign</b>
A8FC	◦ DEVANAGARI SIGN SIDDHAM = siddhirastu
	• used at the beginning of texts as an invocation
	→ 111DB ◑ sharada sign siddham

	A90	A91	A92
0	□ A900	Բ A910	Մ A920
1	Ե A901	Ը A911	Ն A921
2	Վ A902	Շ A912	Ծ A922
3	Զ A903	Ւ A913	Ա A923
4	Ռ A904	Ը A914	Զ A924
5	Ր A905	Ե A915	Ո A925
6	Ի A906	Ի A916	● A926
7	Ս A907	Ա A917	○ A927
8	Լ A908	Զ A918	○ A928
9	Ա A909	Ի A919	○ A929
A	Ի A90A	Ի A91A	● A92A
B	Թ A90B	Ա A91B	● A92B
C	Ի A90C	Ա A91C	○ A92C
D	Ը A90D	Ե A91D	○ A92D
E	Կ A90E	Ը A91E	— A92E
F	Խ A90F	Ե A91F	 A92F

Digits

- |      |   |                      |
|------|---|----------------------|
| A900 | □ | KAYAH LI DIGIT ZERO  |
| A901 | □ | KAYAH LI DIGIT ONE   |
| A902 | □ | KAYAH LI DIGIT TWO   |
| A903 | □ | KAYAH LI DIGIT THREE |
| A904 | □ | KAYAH LI DIGIT FOUR  |
| A905 | □ | KAYAH LI DIGIT FIVE  |
| A906 | □ | KAYAH LI DIGIT SIX   |
| A907 | □ | KAYAH LI DIGIT SEVEN |
| A908 | □ | KAYAH LI DIGIT EIGHT |
| A909 | □ | KAYAH LI DIGIT NINE  |

## **Consonants**

- |      |   |                     |
|------|---|---------------------|
| A90A | ঠ | KAYAH LI LETTER KA  |
| A90B | ঙ | KAYAH LI LETTER KHA |
| A90C | ঝ | KAYAH LI LETTER GA  |
| A90D | চ | KAYAH LI LETTER NGA |
| A90E | ঝ | KAYAH LI LETTER SA  |
| A90F | ঞ | KAYAH LI LETTER SHA |
| A910 | ঢ | KAYAH LI LETTER ZA  |
| A911 | ধ | KAYAH LI LETTER NYA |
| A912 | খ | KAYAH LI LETTER TA  |
| A913 | জ | KAYAH LI LETTER HTA |
| A914 | ঝ | KAYAH LI LETTER NA  |
| A915 | ঢ | KAYAH LI LETTER PA  |
| A916 | ঘ | KAYAH LI LETTER PHA |
| A917 | ঘ | KAYAH LI LETTER MA  |
| A918 | ঢ | KAYAH LI LETTER DA  |
| A919 | ঝ | KAYAH LI LETTER BA  |
| A91A | ঝ | KAYAH LI LETTER RA  |
| A91B | ঞ | KAYAH LI LETTER YA  |
| A91C | ঞ | KAYAH LI LETTER LA  |
| A91D | ঞ | KAYAH LI LETTER WA  |
| A91E | ঢ | KAYAH LI LETTER THA |
| A91F | ঝ | KAYAH LI LETTER HA  |
| A920 | ঞ | KAYAH LI LETTER VA  |
| A921 | ঞ | KAYAH LI LETTER CA  |
| A922 | ঢ | KAYAH LI LETTER A   |
| A923 | ঞ | KAYAH LI LETTER OE  |
| A924 | ঢ | KAYAH LI LETTER I   |
| A925 | ঝ | KAYAH LI LETTER OO  |

## Vowels

- |      |     |                   |
|------|-----|-------------------|
| A926 | ○   | KAYAH LI VOWEL UE |
| A927 | ○/○ | KAYAH LI VOWEL E  |
| A928 | ○/○ | KAYAH LI VOWEL U  |
| A929 | ○/○ | KAYAH LI VOWEL EE |
| A92A | ○/○ | KAYAH LI VOWEL O  |

## Tone marks

- A92B ☽ KAYAH LI TONE PLOPHU  
A92C ☾ KAYAH LI TONE CALYA  
A92D ☽ KAYAH LI TONE CALYA PLOPHU

## Punctuation

- A92E ~ KAYAH LI SIGN CWI  
A92F | KAYAH LI SIGN SHYA

	A93	A94	A95
0	^K	//	"
1	/	\^	•
2	//	//	○:
3	◊	◊	◦
4	^K	//	
5	M	MM	
6	✓	^K	
7	/	.○	
8	W	○.	
9	^K	•○	
A	MM	^	
B	MM	!○	
C	MM	○	
D	MM	"	
E	N	○"	
F	W	'	§

**Consonants**

- A930 ^ REJANG LETTER KA  
 A931 / REJANG LETTER GA  
 A932 // REJANG LETTER NGA  
 A933 ◊ REJANG LETTER TA  
 A934 \^ REJANG LETTER DA  
 A935 M REJANG LETTER NA  
 A936 ✓ REJANG LETTER PA  
 A937 / REJANG LETTER BA  
 A938 W REJANG LETTER MA  
 A939 • REJANG LETTER CA  
 A93A M̄ REJANG LETTER JA  
 A93B MM̄ REJANG LETTER NYA  
 A93C //̄ REJANG LETTER SA  
 A93D MM̄ REJANG LETTER RA  
 A93E /̄ REJANG LETTER LA  
 A93F W̄ REJANG LETTER YA  
 A940 //̄ REJANG LETTER WA  
 A941 ✓̄ REJANG LETTER HA  
 A942 /̄ REJANG LETTER MBA  
 A943 M̄ REJANG LETTER NGGA  
 A944 W̄ REJANG LETTER NDA  
 A945 MM̄ REJANG LETTER NYJA  
 A946 ^̄ REJANG LETTER A

**Vowel signs**

Shown here is the nominal position of the vowel signs relative to the dotted circle before taking account of the oblique nature of the script.

- A947 .○ REJANG VOWEL SIGN I  
     = kaluan  
 A948 .○ REJANG VOWEL SIGN U  
     = kamitan  
 A949 .○ REJANG VOWEL SIGN E  
     = kamica  
 A94A .○ REJANG VOWEL SIGN AI  
     = katiling  
 A94B .○ REJANG VOWEL SIGN O  
 A94C .○ REJANG VOWEL SIGN AU  
     = katulung  
 A94D .○ REJANG VOWEL SIGN EU  
 A94E .○ REJANG VOWEL SIGN EA  
     = kajina

**Consonant signs**

Shown here is the nominal position of the consonant signs relative to the dotted circle before taking account of the oblique nature of the script.

- A94F ○ REJANG CONSONANT SIGN NG  
     = katulang  
 A950 ○ REJANG CONSONANT SIGN N  
     = duo deatas  
 A951 ○ REJANG CONSONANT SIGN R  
     = kajunjung  
 A952 ○ REJANG CONSONANT SIGN H

**Virama**

- A953 ○° REJANG VIRAMA  
     • does not form conjuncts

**Punctuation**

- A95F § REJANG SECTION MARK

	A96	A97	
0	ㄱㅁ	ㄱㄷ	
	A960	A970	
1	ㄱㅂ	ㄱㅅ	
	A961	A971	
2	ㄱㅅ	ㄱㅌ	
	A962	A972	
3	ㄱㅈ	ㄱㅋ	
	A963	A973	
4	ㄹㄱ	ㄹㅎ	
	A964	A974	
5	ㄹㄲ	ㄹㅆ	
	A965	A975	
6	ㄹㄷ	ㄹՐ	
	A966	A976	
7	ㄹㅌ	ㄹঁ	
	A967	A977	
8	ㄹㅁ	ㄹঁ	
	A968	A978	
9	ㄹㅂ	ㄹㅌ	
	A969	A979	
A	ㄹㅃ	ㄹঁ	
	A96A	A97A	
B	ㄹঁ	ঁ	
	A96B	A97B	
C	ㄹㅅ	ঁ	
	A96C	A97C	
D	ㄹㅈ		
	A96D		
E	ㄹㅋ		
	A96E		
F	ㄹঁ		
	A96F		

**Old initial consonants**

A960	ㄱㅁ	HANGUL CHOSEONG TIKEUT-MIEUM
A961	ㄱㅂ	HANGUL CHOSEONG TIKEUT-PIEUP
A962	ㄱㅅ	HANGUL CHOSEONG TIKEUT-SIOS
A963	ㄱㅈ	HANGUL CHOSEONG TIKEUT-CIEUC
A964	ㄱㅌ	HANGUL CHOSEONG RIEUL-KIYEOK
A965	ㄱㅋ	HANGUL CHOSEONG RIEUL-SSANGKIYEOK
A966	ㄱঁ	HANGUL CHOSEONG RIEUL-TIKEUT
A967	ㄱঁ	HANGUL CHOSEONG RIEUL-SSANGTIKEUT
A968	ㄱມ	HANGUL CHOSEONG RIEUL-MIEUM
A969	ㄱປ	HANGUL CHOSEONG RIEUL-PIEUP
A96A	ㄱສ	HANGUL CHOSEONG RIEUL-SSANGPIEUP
A96B	ㄱຈ	HANGUL CHOSEONG RIEUL-KAPYEOUNPIEUP
A96C	ㄱଡ	HANGUL CHOSEONG RIEUL-SIOS
A96D	ㄱԑ	HANGUL CHOSEONG RIEUL-CIEUC
A96E	ㄱԑ	HANGUL CHOSEONG RIEUL-KHIEUKH
A96F	ㄱԑ	HANGUL CHOSEONG MIEUM-KIYEOK
A970	ㄱԑ	HANGUL CHOSEONG MIEUM-TIKEUT
A971	ㄱԑ	HANGUL CHOSEONG MIEUM-SIOS
A972	ㄱԑ	HANGUL CHOSEONG PIEUP-SIOS-THIEUTH
A973	ㄱԑ	HANGUL CHOSEONG PIEUP-KHIEUKH
A974	ㄱԑ	HANGUL CHOSEONG PIEUP-HIEUH
A975	ঁ	HANGUL CHOSEONG SSANGSIOS-PIEUP
A976	ঁ	HANGUL CHOSEONG IEUNG-RIEUL
A977	ঁ	HANGUL CHOSEONG IEUNG-HIEUH
A978	ঁ	HANGUL CHOSEONG SSANGCIEUC-HIEUH
A979	ঁ	HANGUL CHOSEONG SSANGTHIEUTH
A97A	ঁ	HANGUL CHOSEONG PHIEUPH-HIEUH
A97B	ঁ	HANGUL CHOSEONG HIEUH-SIOS
A97C	ঁ	HANGUL CHOSEONG SSANGYEORINHIEUH

A980

Javanese

A9DF

	A98	A99	A9A	A9B	A9C	A9D
0	ጀ	ጀጀ	ጀጀ	ጀጀ	ጀጀጀ	ጀ
1	ጀጀ	ጀጀ	ጀጀ	ጀጀ	ጀጀጀ	ጀጀ
2	ጀጀ	ጀጀ	ጀጀ	ጀጀ	ጀጀጀ	ጀጀ
3	ጀጀጀ	ጀጀ	ጀጀ	ጀጀጀ	ጀጀጀ	ጀጀጀ
4	ጀጀጀ	ጀጀ	ጀጀ	ጀጀጀ	ጀጀጀ	ጀጀጀ
5	ጀጀጀ	ጀጀ	ጀጀ	ጀጀጀ	ጀጀጀ	ጀጀጀ
6	ጀጀጀ	ጀጀጀ	ጀጀ	ጀጀጀ	ጀጀጀ	ጀጀጀ
7	ጀጀጀ	ጀጀጀ	ጀጀጀ	ጀጀጀ	ጀጀጀ	ጀጀጀ
8	ጀጀጀ	ጀጀጀ	ጀጀ	ጀጀጀ	ጀጀጀ	ጀጀጀ
9	ጀጀጀ	ጀጀጀ	ጀጀ	ጀጀጀ	ጀጀጀ	ጀጀጀ
A	ጀጀጀ	ጀጀጀ	ጀጀጀ	ጀጀጀ	ጀጀጀ	
B	ጀጀጀ	ጀጀጀ	ጀጀጀ	ጀጀጀ	ጀጀጀ	
C	ጀጀጀ	ጀጀጀ	ጀጀጀ	ጀጀጀ	ጀጀጀ	
D	ጀጀጀ	ጀጀጀ	ጀጀጀ	ጀጀጀ	ጀጀጀ	
E	ጀጀጀ	ጀጀጀ	ጀጀጀ	ጀጀጀ	ጀጀጀ	ጀጀጀ
F	ጀጀጀ	ጀጀጀ	ጀጀጀ	ጀጀጀ	ጀጀጀ	ጀጀጀ

**Various signs**

- A980 ၊ JAVANESE SIGN PANYANGGA  
= candrabindu  
A981 ။ JAVANESE SIGN CECAK  
= anusvara  
A982 ၌ JAVANESE SIGN LAYAR  
= repha  
A983 ၍ JAVANESE SIGN WIGNYAN  
= visarga

**Letters**

- A984 ၎ JAVANESE LETTER A  
A985 ၏ JAVANESE LETTER I KAWI  
A986 ၐ JAVANESE LETTER I  
A987 ၑ JAVANESE LETTER II  
A988 ၒ JAVANESE LETTER U  
A989 ၔ JAVANESE LETTER PA CEREK  
= vocalic r  
A98A ၖ JAVANESE LETTER NGA LELET  
= vocalic l  
A98B ၗ JAVANESE LETTER NGA LELET RASWADI  
= vocalic ll  
A98C ၘ JAVANESE LETTER E  
A98D ၙ JAVANESE LETTER AI  
A98E ၚ JAVANESE LETTER O  
A98F ၛ JAVANESE LETTER KA  
A990 ၜ JAVANESE LETTER KA SASAK  
= qa  
A991 ၝ JAVANESE LETTER KA MURDA  
= kha  
A992 ၞ JAVANESE LETTER GA  
A993 ၟ JAVANESE LETTER GA MURDA  
= gha  
A994 ၠ JAVANESE LETTER NGA  
A995 ၡ JAVANESE LETTER CA  
A996 ၢ JAVANESE LETTER CA MURDA  
= cha  
A997 ၣ JAVANESE LETTER JA  
A998 ၤ JAVANESE LETTER NYA MURDA  
= jnya  
A999 ၥ JAVANESE LETTER JA MAHAPRANA  
= jha  
A99A ၦ JAVANESE LETTER NYA  
A99B ၧ JAVANESE LETTER TTA  
A99C ၩ JAVANESE LETTER TTA MAHAPRANA  
= ttha  
A99D ၪ JAVANESE LETTER DDA  
A99E ၫ JAVANESE LETTER DDA MAHAPRANA  
= ddha  
A99F ၬ JAVANESE LETTER NA MURDA  
= nna  
A9A0 ၬ JAVANESE LETTER TA  
A9A1 ၭ JAVANESE LETTER TA MURDA  
= tha  
A9A2 ၮ JAVANESE LETTER DA  
A9A3 ၯ JAVANESE LETTER DA MAHAPRANA  
= dha  
A9A4 ၰ JAVANESE LETTER NA  
A9A5 ၱ JAVANESE LETTER PA  
A9A6 ၲ JAVANESE LETTER PA MURDA  
= pha  
A9A7 ၳ JAVANESE LETTER BA  
A9A8 ၴ JAVANESE LETTER BA MURDA  
= bha

A9A9 ၵ JAVANESE LETTER MA

- A9AA ၶ JAVANESE LETTER YA  
A9AB ၷ JAVANESE LETTER RA  
A9AC ၸ JAVANESE LETTER RA AGUNG  
A9AD ၹ JAVANESE LETTER LA  
A9AE ၺ JAVANESE LETTER WA  
A9AF ၻ JAVANESE LETTER SA MURDA  
= sha  
A9B0 ၼ JAVANESE LETTER SA MAHAPRANA  
= ssa

- A9B1 ၽ JAVANESE LETTER SA  
A9B2 ၾ JAVANESE LETTER HA

**Sign**

- A9B3 ၊ JAVANESE SIGN CECAK TELU  
= nukta

**Dependent vowel signs**

- A9B4 ၊₂ JAVANESE VOWEL SIGN TARUNG  
= aa  
A9B5 ၊₃ JAVANESE VOWEL SIGN TOLONG  
= o  
A9B6 ၊₄ JAVANESE VOWEL SIGN WULU  
= i  
A9B7 ၊₅ JAVANESE VOWEL SIGN WULU MELIK  
= ii  
A9B8 ၊₆ JAVANESE VOWEL SIGN SUKU  
= u  
A9B9 ၊₇ JAVANESE VOWEL SIGN SUKU MENDUT  
= uu  
A9BA ၊₈ JAVANESE VOWEL SIGN TALING  
= e  
A9BB ၊₉ JAVANESE VOWEL SIGN DIRGA MURE  
= ai  
A9BC ၊₁₀ JAVANESE VOWEL SIGN PEPET  
= ae

**Dependent consonant signs**

- A9BD ၊₁₁ JAVANESE CONSONANT SIGN KERET  
= vocalic r  
A9BE ၊₁₂ JAVANESE CONSONANT SIGN PENGKAL  
= medial ya  
A9BF ၊₁₃ JAVANESE CONSONANT SIGN CAKRA  
= medial ra

**Sign**

- A9C0 ၊₁₄ JAVANESE PANGKON  
= virama

**Punctuation**

- A9C1 ၊₁₅ JAVANESE LEFT RERENGGAN  
A9C2 ၊₁₆ JAVANESE RIGHT RERENGGAN  
A9C3 ၊₁₇ JAVANESE PADA ANDAP  
A9C4 ၊₁₈ JAVANESE PADA MADYA  
A9C5 ၊₁₉ JAVANESE PADA LUHUR  
A9C6 ၊₂₀ JAVANESE PADA WINDU  
A9C7 ၊₂₁ JAVANESE PADA PANGKAT  
A9C8 ၊₂₂ JAVANESE PADA LINGSA  
= danda  
A9C9 ၊₂₃ JAVANESE PADA LUNGSI  
= double danda  
A9CA ၊₂₄ JAVANESE PADA ADEG  
A9CB ၊₂₅ JAVANESE PADA ADEG ADEG  
A9CC ၊₂₆ JAVANESE PADA PISELEH  
A9CD ၊₂₇ JAVANESE TURNED PADA PISELEH

**Syllable reduplicator**

A9CF ጀ JAVANESE PANGRANGKEP  
 • also used in Buginese  
 → 0662 የ arabic-indic digit two

**Digits**

A9D0 ᦇ JAVANESE DIGIT ZERO  
 A9D1 ᦈ JAVANESE DIGIT ONE  
 A9D2 ᦉ JAVANESE DIGIT TWO  
 A9D3 ᦊ JAVANESE DIGIT THREE  
 A9D4 ᦋ JAVANESE DIGIT FOUR  
 A9D5 ᦌ JAVANESE DIGIT FIVE  
 A9D6 ᦍ JAVANESE DIGIT SIX  
 A9D7 ᦎ JAVANESE DIGIT SEVEN  
 A9D8 ᦏ JAVANESE DIGIT EIGHT  
 A9D9 ᦐ JAVANESE DIGIT NINE

**Ellipsis marks**

A9DE ᦑ JAVANESE PADA TIRTA TUMETES  
 A9DF ᦒ JAVANESE PADA ISEN-ISEN

	A9E	A9F
0	ၦ	၀
	A9E0	A9F0
1	၁	။
	A9E1	A9F1
2	၂	၌
	A9E2	A9F2
3	၄	၍
	A9E3	A9F3
4	၅	၎
	A9E4	A9F4
5	၆	၏
	A9E5	A9F5
6	ၷ	၉
	A9E6	A9F6
7	၈	၇
	A9E7	A9F7
8	၉	၈
	A9E8	A9F8
9	၁၁	၁၁
	A9E9	A9F9
A	၁၃	၁၃
	A9EA	A9FA
B	၁၄	၁၄
	A9EB	A9FB
C	၁၅	၁၅
	A9EC	A9FC
D	၁၆	၁၆
	A9ED	A9FD
E	၁၇	၁၇
	A9EE	A9FE
F	၁၈	
	A9EF	

**Additions for Shan Pali**

- A9E0 ၦ MYANMAR LETTER SHAN GHA  
 A9E1 ၧ MYANMAR LETTER SHAN CHA  
 A9E2 ၨ MYANMAR LETTER SHAN JHA  
 A9E3 ၩ MYANMAR LETTER SHAN NNA  
 A9E4 ၪ MYANMAR LETTER SHAN BHA  
 A9E5 ၮ MYANMAR SIGN SHAN SAW

**Reduplication mark**

- A9E6 ၶ MYANMAR MODIFIER LETTER SHAN REDUPLICATION  
 → AA70 ၶ myanmar modifier letter khamti reduplication

**Tai Laing consonants**

- A9E7 ၢ MYANMAR LETTER TAI LAING NYA  
 A9E8 ၢ MYANMAR LETTER TAI LAING FA  
 A9E9 ၣ MYANMAR LETTER TAI LAING GA  
 A9EA ၣ MYANMAR LETTER TAI LAING GHA  
 A9EB ၣ MYANMAR LETTER TAI LAING JA  
 A9EC ၣ MYANMAR LETTER TAI LAING JHA  
 A9ED ၣ MYANMAR LETTER TAI LAING DDA  
 A9EE ၣ MYANMAR LETTER TAI LAING DDHA  
 A9EF ၣ MYANMAR LETTER TAI LAING NNA

**Tai Laing digits**

- A9F0 ၦ MYANMAR TAI LAING DIGIT ZERO  
 A9F1 ၭ MYANMAR TAI LAING DIGIT ONE  
 A9F2 ၮ MYANMAR TAI LAING DIGIT TWO  
 A9F3 ၯ MYANMAR TAI LAING DIGIT THREE  
 A9F4 ၯ MYANMAR TAI LAING DIGIT FOUR  
 A9F5 ၬ MYANMAR TAI LAING DIGIT FIVE  
 A9F6 ၯ MYANMAR TAI LAING DIGIT SIX  
 A9F7 ၷ MYANMAR TAI LAING DIGIT SEVEN  
 A9F8 ၸ MYANMAR TAI LAING DIGIT EIGHT  
 A9F9 ၹ MYANMAR TAI LAING DIGIT NINE

**Tai Laing consonants**

- A9FA ၤ MYANMAR LETTER TAI LAING LLA  
 A9FB ၥ MYANMAR LETTER TAI LAING DA  
 A9FC ၦ MYANMAR LETTER TAI LAING DHA  
 A9FD ၦ MYANMAR LETTER TAI LAING BA  
 A9FE ၬ MYANMAR LETTER TAI LAING BHA

AA0	AA1	AA2	AA3	AA4	AA5
၁ AA00	၂ AA10	၃ AA20	၄ AA30	၅ AA40	၆ AA50
၇ AA01	၈ AA11	၉ AA21	၁၀ AA31	၁၁ AA41	၁၂ AA51
၁၃ AA02	၁၄ AA12	၁၅ AA22	၁၆ AA32	၁၇ AA42	၁၈ AA52
၁၉ AA03	၂၀ AA13	၂၁ AA23	၂၂ AA33	၂၃ AA43	၂၄ AA53
၂၅ AA04	၂၆ AA14	၂၇ AA24	၂၈ AA34	၂၉ AA44	၂၁၀ AA54
၂၁၁ AA05	၂၁၂ AA15	၂၁၃ AA25	၂၁၄ AA35	၂၁၅ AA45	၂၁၆ AA55
၂၁၇ AA06	၂၁၈ AA16	၂၁၉ AA26	၂၁၁၀ AA36	၂၁၁၁ AA46	၂၁၁၂ AA56
၂၁၁၃ AA07	၂၁၁၄ AA17	၂၁၁၅ AA27		၂၁၁၆ AA47	၂၁၁၇ AA57
၂၁၁၈ AA08	၂၁၁၉ AA18	၂၁၁၁၀ AA28		၂၁၁၁၁ AA48	၂၁၁၁၂ AA58
၂၁၁၁၃ AA09	၂၁၁၁၄ AA19	၂၁၁၁၅ AA29		၂၁၁၁၆ AA49	၂၁၁၁၇ AA59
၂၁၁၀၀ AA0A	၂၁၁၀၁ AA1A	၂၁၁၀၂ AA2A		၂၁၁၀၄ AA4A	
၂၁၁၀၅ AA0B	၂၁၁၀၆ AA1B	၂၁၁၀၇ AA2B		၂၁၁၀၈ AA4B	
၂၁၁၀၉ AA0C	၂၁၁၀၁၀ AA1C	၂၁၁၀၁၁ AA2C		၂၁၁၀၁၄ AA4C	၂၁၁၀၁၅ AA5C
၂၁၁၀၁၅ AA0D	၂၁၁၀၁၆ AA1D	၂၁၁၀၁၇ AA2D		၂၁၁၀၁၈ AA4D	၁ AA5D
၂၁၁၀၁၉ AA0E	၂၁၁၀၁၁၀ AA1E	၂၁၁၀၁၁၁ AA2E			၁၁ AA5E
၂၁၁၀၁၁၅ AA0F	၂၁၁၀၁၁၆ AA1F	၂၁၁၀၁၁၇ AA2F			၁၁၁ AA5F

**Independent vowels**

AA00	ঁ	CHAM LETTER A
AA01	ং	CHAM LETTER I
AA02	ঃ	CHAM LETTER U
AA03	঄	CHAM LETTER E
AA04	অ	CHAM LETTER AI
AA05	আ	CHAM LETTER O

**Consonants**

AA06	ঁ	CHAM LETTER KA
AA07	ঁ	CHAM LETTER KHA
AA08	ঁ	CHAM LETTER GA
AA09	ঁ	CHAM LETTER GHA
AA0A	ঁ	CHAM LETTER NGUE
AA0B	ঁ	CHAM LETTER NGA
AA0C	ঁ	CHAM LETTER CHA
AA0D	ঁ	CHAM LETTER CHHA
AA0E	ঁ	CHAM LETTER JA
AA0F	ঁ	CHAM LETTER JHA
AA10	ঁ	CHAM LETTER NHUE
AA11	ঁ	CHAM LETTER NHA
AA12	ঁ	CHAM LETTER NHJA
AA13	ঁ	CHAM LETTER TA
AA14	ঁ	CHAM LETTER THA
AA15	ঁ	CHAM LETTER DA
AA16	ঁ	CHAM LETTER DHA
AA17	ঁ	CHAM LETTER NUE
AA18	ঁ	CHAM LETTER NA
AA19	ঁ	CHAM LETTER DDA
AA1A	ঁ	CHAM LETTER PA
AA1B	ঁ	CHAM LETTER PPA
AA1C	ঁ	CHAM LETTER PHA
AA1D	ঁ	CHAM LETTER BA
AA1E	ঁ	CHAM LETTER BHA
AA1F	ঁ	CHAM LETTER MUE
AA20	ঁ	CHAM LETTER MA
AA21	ঁ	CHAM LETTER BBA
AA22	ঁ	CHAM LETTER YA
AA23	ঁ	CHAM LETTER RA
AA24	ঁ	CHAM LETTER LA
AA25	ঁ	CHAM LETTER VA
AA26	ঁ	CHAM LETTER SSA
AA27	ঁ	CHAM LETTER SA
AA28	ঁ	CHAM LETTER HA

**Dependent vowel signs**

AA29	ঁ	CHAM VOWEL SIGN AA
AA2A	ঁ	CHAM VOWEL SIGN I
AA2B	ঁ	CHAM VOWEL SIGN II
AA2C	ঁ	CHAM VOWEL SIGN EI
AA2D	ঁ	CHAM VOWEL SIGN U
AA2E	ঁ	CHAM VOWEL SIGN OE
AA2F	ঁ	CHAM VOWEL SIGN O
AA30	ঁ	CHAM VOWEL SIGN AI
AA31	ঁ	CHAM VOWEL SIGN AU
AA32	ঁ	CHAM VOWEL SIGN UE

**Consonant signs**

AA33	ঁ	CHAM CONSONANT SIGN YA
AA34	ঁ	CHAM CONSONANT SIGN RA
AA35	ঁ	CHAM CONSONANT SIGN LA
AA36	ঁ	CHAM CONSONANT SIGN WA

**Final letters**

AA40	ঁ	CHAM LETTER FINAL K
AA41	ঁ	CHAM LETTER FINAL G
AA42	ঁ	CHAM LETTER FINAL NG
AA43	ঁ	CHAM CONSONANT SIGN FINAL NG
AA44	ঁ	CHAM LETTER FINAL CH
AA45	ঁ	CHAM LETTER FINAL T
AA46	ঁ	CHAM LETTER FINAL N
AA47	ঁ	CHAM LETTER FINAL P
AA48	ঁ	CHAM LETTER FINAL Y
AA49	ঁ	CHAM LETTER FINAL R
AA4A	ঁ	CHAM LETTER FINAL L
AA4B	ঁ	CHAM LETTER FINAL SS
AA4C	ঁ	CHAM CONSONANT SIGN FINAL M
AA4D	ঁ	CHAM CONSONANT SIGN FINAL H

**Digits**

AA50	০	CHAM DIGIT ZERO
AA51	১	CHAM DIGIT ONE
AA52	২	CHAM DIGIT TWO
AA53	৩	CHAM DIGIT THREE
AA54	৪	CHAM DIGIT FOUR
AA55	৫	CHAM DIGIT FIVE
AA56	৬	CHAM DIGIT SIX
AA57	৭	CHAM DIGIT SEVEN
AA58	৮	CHAM DIGIT EIGHT
AA59	৯	CHAM DIGIT NINE

**Punctuation**

AA5C	ঁ	CHAM PUNCTUATION SPIRAL
AA5D	।	CHAM PUNCTUATION DANDA
AA5E	॥	CHAM PUNCTUATION DOUBLE DANDA
AA5F	ঁ	CHAM PUNCTUATION TRIPLE DANDA

	AA6	AA7
0	၁	=
	AA60	AA70
1	၂	၃
	AA61	AA71
2	၄	၅
	AA62	AA72
3	၆	၇
	AA63	AA73
4	၈	၉
	AA64	AA74
5	။	၌
	AA65	AA75
6	၎	၏
	AA66	AA76
7	၏	၍
	AA67	AA77
8	၏	၏
	AA68	AA78
9	၏	၏
	AA69	AA79
A	၏	၏
	AA6A	AA7A
B	၏	၏
	AA6B	AA7B
C	၏	၏
	AA6C	AA7C
D	။	၏
	AA6D	AA7D
E	၏	၏
	AA6E	AA7E
F	၏	၏
	AA6F	AA7F

**Khamti Shan consonants**

- AA60 ၁ MYANMAR LETTER KHAMTI GA  
 AA61 ၂ MYANMAR LETTER KHAMTI CA  
 AA62 ၃ MYANMAR LETTER KHAMTI CHA  
 AA63 ၄ MYANMAR LETTER KHAMTI JA  
 AA64 ၅ MYANMAR LETTER KHAMTI JHA  
 AA65 ။ MYANMAR LETTER KHAMTI NYA  
 AA66 ၏ MYANMAR LETTER KHAMTI TTA  
 AA67 ၏ MYANMAR LETTER KHAMTI TTHA  
 AA68 ၏ MYANMAR LETTER KHAMTI DDA  
 AA69 ၏ MYANMAR LETTER KHAMTI DDHA  
 AA6A ၏ MYANMAR LETTER KHAMTI DHA  
 AA6B ၏ MYANMAR LETTER KHAMTI NA  
 AA6C ၏ MYANMAR LETTER KHAMTI SA  
 AA6D ။ MYANMAR LETTER KHAMTI HA  
 AA6E ၏ MYANMAR LETTER KHAMTI HHA  
 AA6F ၏ MYANMAR LETTER KHAMTI FA  
 AA70 = MYANMAR MODIFIER LETTER KHAMTI REDUPLICATION  
     → A9E6 ၏ myanmar modifier letter shan reduplication

- AA71 ၏ MYANMAR LETTER KHAMTI XA  
 AA72 ၏ MYANMAR LETTER KHAMTI ZA  
 AA73 ၏ MYANMAR LETTER KHAMTI RA

**Khamti Shan logograms**

- AA74 ၏ MYANMAR LOGOGRAM KHAMTI OAY  
 AA75 ၏ MYANMAR LOGOGRAM KHAMTI QN  
 AA76 ၏ MYANMAR LOGOGRAM KHAMTI HM

**Aiton symbols and letters**

- AA77 ၏ MYANMAR SYMBOLAITON EXCLAMATION  
 AA78 ၏ MYANMAR SYMBOLAITON ONE  
 AA79 ၏ MYANMAR SYMBOLAITON TWO  
 AA7A ၏ MYANMAR LETTERAITON RA

**Pa'o Karen tone mark**

- AA7B ၏ MYANMAR SIGN PAO KAREN TONE

**Tai Laing tone marks**

- AA7C ၏ MYANMAR SIGN TAI LAING TONE-2  
 AA7D ၏ MYANMAR SIGN TAI LAING TONE-5

**Shwe Palaung letters**

- AA7E ၏ MYANMAR LETTER SHWE PALAUNG CHA  
 AA7F ၏ MYANMAR LETTER SHWE PALAUNG SHA

	AA8	AA9	AAA	AAB	AAC	AAD
0	ុ	ុំ	ុៅ	ុែ	ុោ	
1	ុះ	ុំ	ុំ	ុេ	ុោ	
2	ុុ	ុែ	ុុែ	ុែែ	ុោែ	
3	ុឃ	ុែ	ុុែ	ុែែ	ុោែ	
4	ុុែ	ុែ	ុុែ	ុែែ	ុោែ	
5	ុុែ	ុែ	ុុែ	ុែែ	ុោែ	
6	ុែ	ុែ	ុែ	ុែ	ុោែ	
7	ុែ	ុែ	ុែ	ុែ	ុោែ	
8	ុុែ	ុុែ	ុុែ	ុុែ	ុោែ	
9	ុុែ	ុុែ	ុុែ	ុុែ	ុោែ	
A	ុុែ	ុុែ	ុុែ	ុុែ	ុោែ	
B	ុុែ	ុុែ	ុុែ	ុុែ	ុោែ	ុុែ
C	ុុែ	ុុែ	ុុែ	ុុែ	ុោែ	ុុែ
D	ុុែ	ុុែ	ុុែ	ុុែ	ុោែ	ុុែ
E	ុុែ	ុុែ	ុុែ	ុុែ	ុោែ	ុុែ
F	ុុែ	ុុែ	ុុែ	ុុែ	ុោែ	ុុែ

AA80

Tai Viet

AADF

**Consonants**

AA80	ນ	TAI VIET LETTER LOW KO
AA81	ກ	TAI VIET LETTER HIGH KO
AA82	ນງ	TAI VIET LETTER LOW KHO
AA83	ກງ	TAI VIET LETTER HIGH KHO
AA84	ກລ	TAI VIET LETTER LOW KHHO
AA85	ກສ	TAI VIET LETTER HIGH KHHO
AA86	ກວ	TAI VIET LETTER LOW GO
AA87	ກສງ	TAI VIET LETTER HIGH GO
AA88	ນງວ	TAI VIET LETTER LOW NGO
AA89	ກວງ	TAI VIET LETTER HIGH NGO
AA8A	ນົມ	TAI VIET LETTER LOW CO
AA8B	ກົມ	TAI VIET LETTER HIGH CO
AA8C	ນົ້ມ	TAI VIET LETTER LOW CHO
AA8D	ກົ້ມ	TAI VIET LETTER HIGH CHO
AA8E	ນົມ	TAI VIET LETTER LOW SO
AA8F	ກົມ	TAI VIET LETTER HIGH SO
AA90	ນົງ	TAI VIET LETTER LOW NYO
AA91	ກົງ	TAI VIET LETTER HIGH NYO
AA92	ນົດ	TAI VIET LETTER LOW DO
AA93	ກົດ	TAI VIET LETTER HIGH DO
AA94	ນົມ	TAI VIET LETTER LOW TO
AA95	ນົມ	TAI VIET LETTER HIGH TO
AA96	ນົມ	TAI VIET LETTER LOW THO
AA97	ກົມ	TAI VIET LETTER HIGH THO
AA98	ນົມ	TAI VIET LETTER LOW NO
AA99	ນົມ	TAI VIET LETTER HIGH NO
AA9A	ນົມ	TAI VIET LETTER LOW BO
AA9B	ກົມ	TAI VIET LETTER HIGH BO
AA9C	ນົມ	TAI VIET LETTER LOW PO
AA9D	ກົມ	TAI VIET LETTER HIGH PO
AA9E	ນົມ	TAI VIET LETTER LOW PHO
AA9F	ກົມ	TAI VIET LETTER HIGH PHO
AAA0	ນົມ	TAI VIET LETTER LOW FO
AAA1	ກົມ	TAI VIET LETTER HIGH FO
AAA2	ນົມ	TAI VIET LETTER LOW MO
AAA3	ກົມ	TAI VIET LETTER HIGH MO
AAA4	ນົມ	TAI VIET LETTER LOW YO
AAA5	ກົມ	TAI VIET LETTER HIGH YO
AAA6	ນົມ	TAI VIET LETTER LOW RO
AAA7	ກົມ	TAI VIET LETTER HIGH RO
AAA8	ນົມ	TAI VIET LETTER LOW LO
AAA9	ກົມ	TAI VIET LETTER HIGH LO
AAAA	ນົມ	TAI VIET LETTER LOW VO
AAAB	ກົງ	TAI VIET LETTER HIGH VO
AAAC	ນົມ	TAI VIET LETTER LOW HO
AAAD	ນົມ	TAI VIET LETTER HIGH HO
AAAE	ກົງ	TAI VIET LETTER LOW O
AAAF	ກົງ	TAI VIET LETTER HIGH O

**Vowels and finals**

AAB0	ອ	TAI VIET MAI KANG
AAB1	າ	TAI VIET VOWEL AA
AAB2	ີ	TAI VIET VOWEL I
AAB3	ູ	TAI VIET VOWEL UE
AAB4	ູ	TAI VIET VOWEL U
AAB5	ີ່	TAI VIET VOWEL E
AAB6	ົ	• precedes consonant in visual order TAI VIET VOWEL O
AAB7	ົ່	• precedes consonant in visual order TAI VIET MAI KHIT
AAB8	ົ້	TAI VIET VOWEL IA

AAB9 ດ TAI VIET VOWEL UEA

• precedes consonant in visual order

AABA ດ TAI VIET VOWEL UA

AABB ດ TAI VIET VOWEL AUE

• precedes consonant in visual order

AABC ດ TAI VIET VOWEL AY

• precedes consonant in visual order

AABD ດ TAI VIET VOWEL AN

AABE ດ TAI VIET VOWEL AM

**Tones**

AABF ອ TAI VIET TONE MAI EK

AAC0 ລ TAI VIET TONE MAI NUENG

AAC1 ອ TAI VIET TONE MAI THO

AAC2 ຈ TAI VIET TONE MAI SONG

**Word ligature symbols**

AADB ດ TAI VIET SYMBOL KON

= person

AADC ດ TAI VIET SYMBOL NUENG

= one

**Repetition mark**

AADD ດ TAI VIET SYMBOL SAM

→ 0E46 ຈ thai character maiyamok

**Punctuation**

AADE ດ TAI VIET SYMBOL HO HOI

• marks start of text in songs and poems

AADF ດ TAI VIET SYMBOL KOI KOI

• marks end of text in songs and poems

	AAE	AAF
0		
1		
2		
3		
4		
5		
6		
7		
8		
9		
A		
B		
C		
D		
E		
F		

The characters in this block are extensions for historical orthographies of Meetei and are not specified in the Manipuri Government order No. 1/2/78-SS/E.

#### Independent vowel signs

- AAE0 MEETEI MAYEK LETTER E  
AAE1 MEETEI MAYEK LETTER O

#### Consonants

- AAE2 MEETEI MAYEK LETTER CHA  
AAE3 MEETEI MAYEK LETTER NYA  
AAE4 MEETEI MAYEK LETTER TTA  
AAE5 MEETEI MAYEK LETTER THHA  
AAE6 MEETEI MAYEK LETTER DDA  
AAE7 MEETEI MAYEK LETTER DDHA  
AAE8 MEETEI MAYEK LETTER NNA  
AAE9 MEETEI MAYEK LETTER SHA  
AAEA MEETEI MAYEK LETTER SSA

#### Dependent vowel signs

- AAEB MEETEI MAYEK VOWEL SIGN II  
AAEC MEETEI MAYEK VOWEL SIGN UU  
AAED MEETEI MAYEK VOWEL SIGN AAI  
AAEE MEETEI MAYEK VOWEL SIGN AU  
AAEF MEETEI MAYEK VOWEL SIGN AAU

#### Punctuation

- AAF0 MEETEI MAYEK CHEIKHAN  
= danda  
AAF1 MEETEI MAYEK AHANG KHUDAM  
= question mark

#### Sign

- AAF2 MEETEI MAYEK ANJI  
• a philosophical sign  
→ 0950 devanagari om

#### Repetition marks

- These marks have fallen into disuse.  
AAF3 MEETEI MAYEK SYLLABLE REPETITION MARK  
AAF4 MEETEI MAYEK WORD REPETITION MARK

#### Sign

- AAF5 MEETEI MAYEK VOWEL SIGN VISARGA

#### Virama

- AAF6 MEETEI MAYEK VIRAMA  
• used to form conjuncts in historical orthographies  
→ 1039 myanmar sign virama

	AB0	AB1	AB2
0			፩፭
1	፩	፪	፩፭
2	፩	፫	፩፯
3	፩	፬	፩፻
4	፩	፭	፩፼
5	፩	፮	፩፾
6	፩	፯	፩፿
7			
8			፩፻
9	፩፻		፩፻
A	፩፻		፩፻
B	፩፻		፩፻
C	፩፻		፩፻
D	፩፻		፩፻
E	፩፻		፩፻
F			

**Gamo-Gofa-Dawro and Basketo**

- AB01 ብ· ETHIOPIC SYLLABLE TTHU  
 AB02 ቷ· ETHIOPIC SYLLABLE TTHI  
 AB03 ቸ· ETHIOPIC SYLLABLE TTHAA  
 AB04 ቹ· ETHIOPIC SYLLABLE TTHEE  
 AB05 ቺ· ETHIOPIC SYLLABLE TTHE  
 AB06 ቻ· ETHIOPIC SYLLABLE TTHO  
 AB07 ድ· <reserved>  
 AB08 ዶ· <reserved>  
 AB09 ዽ· ETHIOPIC SYLLABLE DDHU  
 AB0A ዽ· ETHIOPIC SYLLABLE DDHI  
 AB0B ዽ· ETHIOPIC SYLLABLE DDHAA  
 AB0C ዽ· ETHIOPIC SYLLABLE DDHEE  
 AB0D ዽ· ETHIOPIC SYLLABLE DDHE  
 AB0E ዽ· ETHIOPIC SYLLABLE DDHO

**Gamo-Gofa-Dawro**

- AB11 ን· ETHIOPIC SYLLABLE DZU  
 AB12 ኖ· ETHIOPIC SYLLABLE DZI  
 AB13 ኗ· ETHIOPIC SYLLABLE DZAA  
 AB14 ኘ· ETHIOPIC SYLLABLE DZEE  
 AB15 ኙ· ETHIOPIC SYLLABLE DZE  
 AB16 ኚ· ETHIOPIC SYLLABLE DZO

**Gumuz**

- AB20 ገ· ETHIOPIC SYLLABLE CCHHA  
 AB21 ገ· ETHIOPIC SYLLABLE CCHHU  
 AB22 ገ· ETHIOPIC SYLLABLE CCHHI  
 AB23 ገ· ETHIOPIC SYLLABLE CCHHAA  
 AB24 ገ· ETHIOPIC SYLLABLE CCHHEE  
 AB25 ገ· ETHIOPIC SYLLABLE CCHHE  
 AB26 ገ· ETHIOPIC SYLLABLE CCHHO  
 AB27 ድ· <reserved>  
 AB28 ገ· ETHIOPIC SYLLABLE BBA  
 AB29 ገ· ETHIOPIC SYLLABLE BBU  
 AB2A ገ· ETHIOPIC SYLLABLE BBI  
 AB2B ገ· ETHIOPIC SYLLABLE BBAA  
 AB2C ገ· ETHIOPIC SYLLABLE BBEE  
 AB2D ገ· ETHIOPIC SYLLABLE BBE  
 AB2E ገ· ETHIOPIC SYLLABLE BBO

	AB3	AB4	AB5	AB6	
0	ä AB30	ö AB40	ü AB50	ÿ AB60	
1	æ AB31	ø AB41	m AB51	ie AB61	
2	ɛ AB32	ə AB42	u AB52	œ AB62	
3	e AB33	o AB43	X AB53	ω AB63	
4	œ AB34	ø AB44	X AB54	ɑ AB64	
5	f AB35	h AB45	X AB55	Ω AB65	
6	q AB36	R AB46	X AB56		
7	ƒ AB37	r AB47	X AB57		
8	ѣ AB38	r AB48	X AB58		
9	ӏ AB39	r AB49	X AB59		
A	m AB3A	r AB4A	y AB5A		
B	n AB3B	q AB4B	ȝ AB5B		
C	ɳ AB3C	ʈ AB4C	ڻ AB5C		
D	ڻ AB3D	ʃ AB4D	ڻ AB5D		
E	ڻ AB3E	ڻ AB4E	ڻ AB5E		
F	ڰ AB3F	ڻ AB4F	ڻ AB5F		

**Letters for German dialectology**

AB30	ä	LATIN SMALL LETTER BARRED ALPHA
AB31	æ	LATIN SMALL LETTER A REVERSED-SCHWA
AB32	œ	LATIN SMALL LETTER BLACKLETTER E
AB33	è	LATIN SMALL LETTER BARRED E
AB34	œ	LATIN SMALL LETTER E WITH FLOURISH
AB35	ƒ	LATIN SMALL LETTER LENIS F → 0066 f latin small letter f
AB36	g	LATIN SMALL LETTER SCRIPT G WITH CROSSED-TAIL
AB37	ł	LATIN SMALL LETTER L WITH INVERTED LAZY S
AB38	ł	LATIN SMALL LETTER L WITH DOUBLE MIDDLE TILDE
AB39	ł	LATIN SMALL LETTER L WITH MIDDLE RING
AB3A	ṁ	LATIN SMALL LETTER M WITH CROSSED-TAIL
AB3B	ń	LATIN SMALL LETTER N WITH CROSSED-TAIL
AB3C	ń	LATIN SMALL LETTER ENG WITH CROSSED-TAIL
AB3D	ó	LATIN SMALL LETTER BLACKLETTER O
AB3E	ó	LATIN SMALL LETTER BLACKLETTER O WITH STROKE
AB3F	ɔ	LATIN SMALL LETTER OPEN O WITH STROKE
AB40	œ	LATIN SMALL LETTER INVERTED OE = latin small letter o reversed-schwa
AB41	œ̄	LATIN SMALL LETTER TURNED OE WITH STROKE
AB42	œ̄	LATIN SMALL LETTER TURNED OE WITH HORIZONTAL STROKE
AB43	œ̄	LATIN SMALL LETTER TURNED O OPEN-O
AB44	œ̄	LATIN SMALL LETTER TURNED O OPEN-O WITH STROKE
AB45	ȝ	LATIN SMALL LETTER STIRRUP R
AB46	ȝ	LATIN LETTER SMALL CAPITAL R WITH RIGHT LEG
AB47	ȝ	LATIN SMALL LETTER R WITHOUT HANDLE
AB48	ȝ	LATIN SMALL LETTER DOUBLE R
AB49	ȝ	LATIN SMALL LETTER R WITH CROSSED-TAIL
AB4A	ȝ	LATIN SMALL LETTER DOUBLE R WITH CROSSED-TAIL
AB4B	ȝ	LATIN SMALL LETTER SCRIPT R
AB4C	ȝ	LATIN SMALL LETTER SCRIPT R WITH RING
AB4D	ȝ	LATIN SMALL LETTER BASELINE ESH
AB4E	ȝ	LATIN SMALL LETTER U WITH SHORT RIGHT LEG
AB4F	ȝ	LATIN SMALL LETTER U BAR WITH SHORT RIGHT LEG
AB50	ȝ	LATIN SMALL LETTER UI
AB51	ṁ	LATIN SMALL LETTER TURNED UI
AB52	ȝ	LATIN SMALL LETTER U WITH LEFT HOOK
AB53	ȝ	LATIN SMALL LETTER CHI → 03C7 χ greek small letter chi
AB54	ȝ	LATIN SMALL LETTER CHI WITH LOW RIGHT RING
AB55	ȝ	LATIN SMALL LETTER CHI WITH LOW LEFT SERIF
AB56	ȝ	LATIN SMALL LETTER X WITH LOW RIGHT RING
AB57	ȝ	LATIN SMALL LETTER X WITH LONG LEFT LEG
AB58	ȝ	LATIN SMALL LETTER X WITH LONG LEFT LEG AND LOW RIGHT RING
AB59	ȝ	LATIN SMALL LETTER X WITH LONG LEFT LEG WITH SERIF
AB5A	ȝ	LATIN SMALL LETTER Y WITH SHORT RIGHT LEG

**Modifier letters for German dialectology**

AB5B	᷂	MODIFIER BREVE WITH INVERTED BREVE → 02D8 ᷂ breve → 2050 ᷃ close up → 23D1 ᷄ metrical breve
AB5C	᷄	MODIFIER LETTER SMALL HENG ≈ <super> A727 ᷄
AB5D	᷅	MODIFIER LETTER SMALL L WITH INVERTED LAZY S ≈ <super> AB37 ᷅
AB5E	᷆	MODIFIER LETTER SMALL L WITH MIDDLE TILDE ≈ <super> 026B ᷆
AB5F	᷈	MODIFIER LETTER SMALL U WITH LEFT HOOK ≈ <super> AB52 ᷈

**Historic letters for Sakha (Yakut)**

These letters were used from 1917 to 1927 in the official IPA-based Latin orthography of that era.

AB60	᷉	LATIN SMALL LETTER SAKHA YAT → A657 ᷉ cyrillic small letter iotified a
AB61	᷊	LATIN SMALL LETTER IOTIFIED E → 0465 ᷊ cyrillic small letter iotified e
AB62	᷋	LATIN SMALL LETTER OPEN OE → 0254 ᷋ latin small letter open o
AB63	᷌	LATIN SMALL LETTER UO

**Letters for Americanist orthographies**

AB64	᷍	LATIN SMALL LETTER INVERTED ALPHA → 0252 ᷍ latin small letter turned alpha
AB65	᷎	GREEK LETTER SMALL CAPITAL OMEGA • obsolete for mid back rounded vowel → 0277 ᷎ latin small letter closed omega → 03C9 ᷎ greek small letter omega

	ABC	ABD	ABE	ABF
0	𠁠	𠁡	𠁢	𠁤
1	𠁥	𠁣	𠁦	𠁧
2	𠁦	𠁤	𠁨	𠁩
3	𠁰	𠁷	𠁪	𠁻
4	𠁮	𠁱	𠁫	𠁲
5	𠁯	𠁸	ߴ	ߵ
6	𠁰	𠁶	ߴߴ	ߵߵ
7	𠁬	𠁷	ߴ߷	ߵ߷
8	𠁰	𠁶	ߴ߸	ߵ߸
9	𠁮	𠁱	ߴ߹	ߵ߹
A	𠁰	𠁷	ߴߺ	ߵߺ
B	𠁰	𠁣	ߴ߲	
C	𠁰	𠁷	ߴ߷	ߵ߷
D	𠁰	𠁱	ߴ߸	
E	𠁬	𠁮	ߵߺ	ߵ߷
F	𠁰	𠁯		

The name "Meetei Mayek" is used in official documentation in Manipur. Many linguists also use the name "Meitei Mayek", and other transliterations also occur.

### Letters

ABC0	𠁿	MEETEI MAYEK LETTER KOK
		= ka
ABC1	𠁽	MEETEI MAYEK LETTER SAM
		= sa
ABC2	𠁾	MEETEI MAYEK LETTER LAI
		= la
ABC3	𠁷	MEETEI MAYEK LETTER MIT
		= ma
ABC4	𠁸	MEETEI MAYEK LETTER PA
ABC5	𠁹	MEETEI MAYEK LETTER NA
ABC6	𠁺	MEETEI MAYEK LETTER CHIL
		= ca
ABC7	𠁻	MEETEI MAYEK LETTER TIL
		= ta
ABC8	𠁼	MEETEI MAYEK LETTER KHOU
		= kha
ABC9	𠁽	MEETEI MAYEK LETTER NGOU
		= nga
ABCA	𠁽	MEETEI MAYEK LETTER THOU
		= tha
ABCB	𠁽	MEETEI MAYEK LETTER WAI
		= wa
ABCC	𠁽	MEETEI MAYEK LETTER YANG
		= ya
ABCD	𠁽	MEETEI MAYEK LETTER HUK
		= ha
ABCE	𠁽	MEETEI MAYEK LETTER UN
		= u
ABCF	𠁽	MEETEI MAYEK LETTER I
ABD0	𠁽	MEETEI MAYEK LETTER PHAM
		= pha
ABD1	𠁽	MEETEI MAYEK LETTER ATIYA
		= a
ABD2	𠁽	MEETEI MAYEK LETTER GOK
		= ga
ABD3	𠁽	MEETEI MAYEK LETTER JHAM
		= jha
ABD4	𠁽	MEETEI MAYEK LETTER RAI
		= ra
ABD5	𠁽	MEETEI MAYEK LETTER BA
ABD6	𠁽	MEETEI MAYEK LETTER JIL
		= ja
ABD7	𠁽	MEETEI MAYEK LETTER DIL
		= da
ABD8	𠁽	MEETEI MAYEK LETTER GHOU
		= gha
ABD9	𠁽	MEETEI MAYEK LETTER DHOU
		= dha
ABDA	𠁽	MEETEI MAYEK LETTER BHAM
		= bha

### Final consonants

ABDB	𠁷	MEETEI MAYEK LETTER KOK LONSUM
		= k
ABDC	𠁽	MEETEI MAYEK LETTER LAI LONSUM
		= l
ABDD	𠁷	MEETEI MAYEK LETTER MIT LONSUM
		= m
ABDE	𠁸	MEETEI MAYEK LETTER PA LONSUM
		= p

ABDF	𠁽	MEETEI MAYEK LETTER NA LONSUM
		= n
ABE0	𠁽	MEETEI MAYEK LETTER TIL LONSUM
		= t
ABE1	𠁷	MEETEI MAYEK LETTER NGOU LONSUM
		= ng
ABE2	𠁽	MEETEI MAYEK LETTER I LONSUM
		= i

### Dependent vowel signs

ABE3	𠁽	MEETEI MAYEK VOWEL SIGN ONAP
		= o
ABE4	𠁽	MEETEI MAYEK VOWEL SIGN INAP
		= i
ABE5	𠁽	MEETEI MAYEK VOWEL SIGN ANAP
		= aa
ABE6	𠁽	MEETEI MAYEK VOWEL SIGN YENAP
		= e
ABE7	𠁽	MEETEI MAYEK VOWEL SIGN SOUNAP
		= ou
ABE8	𠁽	MEETEI MAYEK VOWEL SIGN UNAP
		= u
ABE9	𠁽	MEETEI MAYEK VOWEL SIGN CHEINAP
		= ei
ABEA	𠁽	MEETEI MAYEK VOWEL SIGN NUNG
		= anusvara

### Punctuation

ABEB	॥	MEETEI MAYEK CHEIKHEI
		= double danda
ABEC	。.	MEETEI MAYEK LUM IYEK
		= heavy tone
ABED	၁	MEETEI MAYEK APUN IYEK
		= killer
		→ 103A ၂ myanmar sign asat

### Digits

ABF0	ၦ	MEETEI MAYEK DIGIT ZERO
		= phun
ABF1	ၧ	MEETEI MAYEK DIGIT ONE
		= ama
ABF2	ၨ	MEETEI MAYEK DIGIT TWO
		= ani
ABF3	ၩ	MEETEI MAYEK DIGIT THREE
		= ahum
ABF4	ၪ	MEETEI MAYEK DIGIT FOUR
		= mari
ABF5	ၫ	MEETEI MAYEK DIGIT FIVE
		= manga
ABF6	ၬ	MEETEI MAYEK DIGIT SIX
		= taruk
ABF7	ၭ	MEETEI MAYEK DIGIT SEVEN
		= taret
ABF8	ၮ	MEETEI MAYEK DIGIT EIGHT
		= nopal
ABF9	ၯ	MEETEI MAYEK DIGIT NINE
		= mapal

	AC0	AC1	AC2	AC3	AC4	AC5	AC6	AC7	AC8	AC9	ACA	ACB	ACC	ACD	ACE	ACF
0	가	감	갠	갰	걀	깎	깰	거	검	겐	겠	결	결	결	고	곰
	AC00	AC10	AC20	AC30	AC40	AC50	AC60	AC70	AC80	AC90	ACA0	ACB0	ACC0	ACD0	ACE0	ACF0
1	각	갑	깃	갱	갉	같	깃	걱	겁	깃	겡	겼	결	결	곡	곱
	AC01	AC11	AC21	AC31	AC41	AC51	AC61	AC71	AC81	AC91	ACA1	ACB1	ACC1	ACD1	ACE1	ACF1
2	깎	값	깃	깃	깃	깃	깃	꺾	겁	깃	겟	깃	결	결	곡	곱
	AC02	AC12	AC22	AC32	AC42	AC52	AC62	AC72	AC82	AC92	ACA2	ACB2	ACC2	ACD2	ACE2	ACF2
3	갓	갓	갠	겻	깃	깃	깃	꺄	겄	것	겐	겟	깃	결	결	곳
	AC03	AC13	AC23	AC33	AC43	AC53	AC63	AC73	AC83	AC93	ACA3	ACB3	ACC3	ACD3	ACE3	ACF3
4	간	갓	갤	캑	깃	걔	깰	겜	건	겄	겔	켁	결	계	겜	꼰
	AC04	AC14	AC24	AC34	AC44	AC54	AC64	AC74	AC84	AC94	ACA4	ACB4	ACC4	ACD4	ACE4	ACF4
5	갓	강	깃	깃	깃	깃	깃	걔	깃	겄	겅	깃	겟	결	결	공
	AC05	AC15	AC25	AC35	AC45	AC55	AC65	AC75	AC85	AC95	ACA5	ACB5	ACC5	ACD5	ACE5	ACF5
6	꺄	갓	깃	깃	깃	깃	깃	걔	깃	겻	겅	깃	겟	결	결	꼰
	AC06	AC16	AC26	AC36	AC46	AC56	AC66	AC76	AC86	AC96	ACA6	ACB6	ACC6	ACD6	ACE6	ACF6
7	간	갓	깃	깽	꺄	꺄	꺄	꺅	건	겻	깃	مراج	결	결	꼰	꼰
	AC07	AC17	AC27	AC37	AC47	AC57	AC67	AC77	AC87	AC97	ACA7	ACB7	ACC7	ACD7	ACE7	ACF7
8	꺄	꺄	깃	꺄	꺄	꺄	꺄	꺄	걸	꺄	깃	결	결	결	꼴	꼴
	AC08	AC18	AC28	AC38	AC48	AC58	AC68	AC78	AC88	AC98	ACA8	ACB8	ACC8	ACD8	ACE8	ACF8
9	깎	깎	깃	깎	깎	깎	깎	깎	깎	깎	깎	깎	깎	깎	깎	깎
	AC09	AC19	AC29	AC39	AC49	AC59	AC69	AC79	AC89	AC99	ACA9	ACB9	ACC9	ACD9	ACE9	ACF9
A	깃	깃	깃	깃	깃	깃	깃	깃	깃	깃	깃	깃	깃	깃	깃	깃
	AC0A	AC1A	AC2A	AC3A	AC4A	AC5A	AC6A	AC7A	AC8A	AC9A	ACA8A	ACB8A	ACC8A	ACD8A	ACE8A	ACF8A
B	깃	꺄	깃	깃	깃	깃	깃	깃	깃	깃	깃	깃	깃	깃	깃	깃
	AC0B	AC1B	AC2B	AC3B	AC4B	AC5B	AC6B	AC7B	AC8B	AC9B	ACA8B	ACB8B	ACC8B	ACD8B	ACE8B	ACF8B
C	깃	개	겜	간	갓	겜	걔	깰	꺄	게	겜	견	겼	겜	겜	꽈
	AC0C	AC1C	AC2C	AC3C	AC4C	AC5C	AC6C	AC7C	AC8C	AC9C	ACA8C	ACB8C	ACC8C	ACD8C	ACE8C	ACF8C
D	깃	걔	깃	깃	꺄	깃	깃	깃	깃	켁	깃	결	결	결	결	꽈
	AC0D	AC1D	AC2D	AC3D	AC4D	AC5D	AC6D	AC7D	AC8D	AC9D	ACA8D	ACB8D	ACC8D	ACD8D	ACE8D	ACF8D
E	깃	걔	깃	깃	꺄	깃	깃	깃	깃	켁	깃	결	결	결	결	꽈
	AC0E	AC1E	AC2E	AC3E	AC4E	AC5E	AC6E	AC7E	AC8E	AC9E	ACA8E	ACB8E	ACC8E	ACD8E	ACE8E	ACF8E
F	꺄	꺅	꺅	꺅	꺅	꺅	꺅	꺅	꺅	꺅	꺅	꺅	꺅	꺅	꺅	꺅
	AC0F	AC1F	AC2F	AC3F	AC4F	AC5F	AC6F	AC7F	AC8F	AC9F	ACA8F	ACB8F	ACC8F	ACD8F	ACE8F	ACF8F

	AD0	AD1	AD2	AD3	AD4	AD5	AD6	AD7	AD8	AD9	ADA	ADB	ADC	ADD	ADE	ADF
--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

0	관	꽈	펠	팩	꽝	교	곰	군	굶	궐	쥘	쥘	귀	콤	군	굶
	AD00	AD10	AD20	AD30	AD40	AD50	AD60	AD70	AD80	AD90	ADA0	ADB0	ADC0	ADD0	ADE0	ADF0
1	꽈	광	꽝	꽝	꽝	곡	곱	굵	궁	쥘	쥘	쥘	귀	깁	꽔	궁
	AD01	AD11	AD21	AD31	AD41	AD51	AD61	AD71	AD81	AD91	ADA1	ADB1	ADC1	ADD1	ADE1	ADF1
2	꽔	꽈	꽝	꽝	꽝	倨	곱	긽	긽	긽	긽	긽	궂	긽	긽	긽
	AD02	AD12	AD22	AD32	AD42	AD52	AD62	AD72	AD82	AD92	ADA2	ADB2	ADC2	ADD2	ADE2	ADF2
3	관	꽈	꽝	꽝	꽝	꽈	꽈	꽈	꽈	꽈	꽈	꽈	꽈	꽈	꽈	꽈
	AD03	AD13	AD23	AD33	AD43	AD53	AD63	AD73	AD83	AD93	ADA3	ADB3	ADC3	ADD3	ADE3	ADF3
4	괄	꽈	꽝	꽈	꽈	꽈	꽈	꽈	꽈	꽈	꽈	꽈	꽈	꽈	꽈	꽈
	AD04	AD14	AD24	AD34	AD44	AD54	AD64	AD74	AD84	AD94	ADA4	ADB4	ADC4	ADD4	ADE4	ADF4
5	꽈	꽈	꽝	꽔	꽔	꽝	꽝	꽝	꽝	꽔	꽔	꽔	꽔	꽔	꽔	꽔
	AD05	AD15	AD25	AD35	AD45	AD55	AD65	AD75	AD85	AD95	ADA5	ADB5	ADC5	ADD5	ADE5	ADF5
6	꽔	꽈	꽝	꽔	꽔	꽝	꽝	꽝	꽝	꽔	꽔	꽔	꽔	꽔	꽔	꽔
	AD06	AD16	AD26	AD36	AD46	AD56	AD66	AD76	AD86	AD96	ADA6	ADB6	ADC6	ADD6	ADE6	ADF6
7	꽔	꽝	꽝	꽝	꽝	꽔	꽔	꽔	꽔	꽔	꽔	꽔	꽔	꽔	꽔	꽔
	AD07	AD17	AD27	AD37	AD47	AD57	AD67	AD77	AD87	AD97	ADA7	ADB7	ADC7	ADD7	ADE7	ADF7
8	꽔	꽔	꽝	꽝	꽝	꽝	꽝	꽝	꽝	꽔	꽔	꽔	꽔	꽔	꽔	꽔
	AD08	AD18	AD28	AD38	AD48	AD58	AD68	AD78	AD88	AD98	ADA8	ADB8	ADC8	ADD8	ADE8	ADF8
9	꽔	꽔	꽝	꽔	꽔	꽝	꽝	꽝	꽝	꽔	꽔	꽔	꽔	꽔	꽔	꽔
	AD09	AD19	AD29	AD39	AD49	AD59	AD69	AD79	AD89	AD99	ADA9	ADB9	ADC9	ADD9	ADE9	ADF9
A	꽔	꽔	꽔	꽔	꽔	꽔	꽔	꽔	꽔	꽔	꽔	꽔	꽔	꽔	꽔	꽔
	AD0A	AD1A	AD2A	AD3A	AD4A	AD5A	AD6A	AD7A	AD8A	AD9A	ADA0	ADB0	ADC0	ADD0	ADE0	ADF0
B	꽔	꽔	꽔	꽔	꽔	꽔	꽔	꽔	꽔	꽔	꽔	꽔	꽔	꽔	꽔	꽔
	AD0B	AD1B	AD2B	AD3B	AD4B	AD5B	AD6B	AD7B	AD8B	AD9B	ADAB	ADB0	ADC0	ADD0	ADE0	ADF0
C	꽈	꽌	꽔	꽔	꽔	꽔	꽔	꽔	꽔	꽔	꽔	꽔	꽔	꽔	꽔	꽔
	AD0C	AD1C	AD2C	AD3C	AD4C	AD5C	AD6C	AD7C	AD8C	AD9C	ADAC	ADB0	ADC0	ADD0	ADE0	ADF0
D	꽔	꽔	꽔	꽔	꽔	꽔	꽔	꽔	꽔	꽔	꽔	꽔	꽔	꽔	꽔	꽔
	AD0D	AD1D	AD2D	AD3D	AD4D	AD5D	AD6D	AD7D	AD8D	AD9D	ADAD	ADB0	ADC0	ADD0	ADE0	ADF0
E	꽔	꽔	꽔	꽔	꽔	꽔	꽔	꽔	꽔	꽔	꽔	꽔	꽔	꽔	꽔	꽔
	AD0E	AD1E	AD2E	AD3E	AD4E	AD5E	AD6E	AD7E	AD8E	AD9E	ADAE	ADB0	ADC0	ADD0	ADE0	ADF0
F	꽔	꽔	꽔	꽔	꽔	꽔	꽔	꽔	꽔	꽔	꽔	꽔	꽔	꽔	꽔	꽔
	AD0F	AD1F	AD2F	AD3F	AD4F	AD5F	AD6F	AD7F	AD8F	AD9F	ADAF	ADB0	ADC0	ADD0	ADE0	ADF0

	AE0	AE1	AE2	AE3	AE4	AE5	AE6	AE7	AE8	AE9	AEA	AEB	AEC	AED	AEE	AEF
0	글	극	굵	기	김	깐	깟	깰	깰	짢	깨	깽	깽	깻	깻	깰
	AE00	AE10	AE20	AE30	AE40	AE50	AE60	AE70	AE80	AE90	AEA0	AEBO	AECO	AED0	AEEO	AEFO
1	긁	긌	긑	긱	깁	깂	깂	깰	깰	짢	깼	깽	깽	깻	깻	깰
	AE01	AE11	AE21	AE31	AE41	AE51	AE61	AE71	AE81	AE91	AEA1	AEBO1	AEC1	AED1	AEEO1	AEF1
2	긔	긔	긔	긱	깁	깂	깂	깰	깰	깂	깰	깽	깽	깻	깻	깰
	AE02	AE12	AE22	AE32	AE42	AE52	AE62	AE72	AE82	AE92	AEA2	AEBO2	AEC2	AED2	AEEO2	AEF2
3	긔	긔	긔	긱	긱	긷	긷	깰	깰	깽	깽	깽	깽	깻	깻	깰
	AE03	AE13	AE23	AE33	AE43	AE53	AE63	AE73	AE83	AE93	AEA3	AEBO3	AEC3	AED3	AEEO3	AEF3
4	긔	괴	김	긴	긷	깥	깍	깰	꺄	깝	깬	깼	깼	껄	껄	껴
	AE04	AE14	AE24	AE34	AE44	AE54	AE64	AE74	AE84	AE94	AEA4	AEBO4	AEC4	AED4	AEEO4	AEF4
5	긔	긱	깁	긷	깅	깎	깎	깰	꺄	狎	狎	狎	狎	깰	깰	꺽
	AE05	AE15	AE25	AE35	AE45	AE55	AE65	AE75	AE85	AE95	AEA5	AEBO5	AEC5	AED5	AEEO5	AEF5
6	긔	꺾	긔	긷	긷	깎	깎	깰	깎	狎	狎	狎	狎	깰	깰	꺽
	AE06	AE16	AE26	AE36	AE46	AE56	AE66	AE76	AE86	AE96	AEA6	AEBO6	AEC6	AED6	AEEO6	AEF6
7	긔	꺾	귓	긷	긷	깎	깎	깰	깎	狎	狎	狎	狎	狎	狎	꺽
	AE07	AE17	AE27	AE37	AE47	AE57	AE67	AE77	AE87	AE97	AEA7	AEBO7	AEC7	AED7	AEEO7	AEF7
8	긔	괸	귓	길	긱	깎	깰	깰	깰	狎	狎	狎	狎	狎	狎	狎
	AE08	AE18	AE28	AE38	AE48	AE58	AE68	AE78	AE88	AE98	AEA8	AEBO8	AEC8	AED8	AEEO8	AEF8
9	긔	귓	귓	길	길	깎	깰	깰	狎	狎	狎	狎	狎	狎	狎	狎
	AE09	AE19	AE29	AE39	AE49	AE59	AE69	AE79	AE89	AE99	AEA9	AEBO9	AEC9	AED9	AEEO9	AEF9
A	긔	긔	귓	긔	길	길	깎	깰	狎	狎	狎	狎	狎	狎	狎	狎
	AE0A	AE1A	AE2A	AE3A	AE4A	AE5A	AE6A	AE7A	AE8A	AE9A	AEA9A	AEBA	AECA	AEDA	AEAA	AEFA
B	긔	긔	귓	긔	길	길	깎	깰	狎	狎	狎	狎	狎	狎	狎	狎
	AE0B	AE1B	AE2B	AE3B	AE4B	AE5B	AE6B	AE7B	AE8B	AE9B	AEA9B	AEBB	AECB	AEDB	AEAB	AEFB
C	긔	긔	귓	긔	길	길	깎	깰	狎	狎	狎	狎	狎	狎	狎	狎
	AE0C	AE1C	AE2C	AE3C	AE4C	AE5C	AE6C	AE7C	AE8C	AE9C	AEA9C	AEBC	AECC	AEDC	AEAC	AEFC
D	긔	긔	귓	긔	길	길	깎	狎	狎	狎	狎	狎	狎	狎	狎	狎
	AE0D	AE1D	AE2D	AE3D	AE4D	AE5D	AE6D	AE7D	AE8D	AE9D	AEA9D	AEBD	AECB	AEDD	AEAD	AEFD
E	긔	긔	귓	긔	길	길	깎	狎	狎	狎	狎	狎	狎	狎	狎	狎
	AE0E	AE1E	AE2E	AE3E	AE4E	AE5E	AE6E	AE7E	AE8E	AE9E	AEA9E	AEBE	AECE	AEDE	AEAE	AEFE
F	긔	긔	귓	긔	길	길	깎	狎	狎	狎	狎	狎	狎	狎	狎	狎
	AE0F	AE1F	AE2F	AE3F	AE4F	AE5F	AE6F	AE7F	AE8F	AE9F	AEA9F	AEAF	AECF	AEDF	AEEO	AEFF

	AF0	AF1	AF2	AF3	AF4	AF5	AF6	AF7	AF8	AF9	AFA	AFB	AFC	AFD	AFE	AFF
0	짢	꿰	깰	꼰	꼿	팔	꽉	꽝	꾀	怩	꼰	꿨	꿀	꾹	Fucked	꿰
	AF00	AF10	AF20	AF30	AF40	AF50	AF60	AF70	AF80	AF90	AFA0	AFB0	AFC0	AFD0	AFE0	AFF0
1	깃	깇	깃	깃	꽁	꽝	꽝	꽝	꽕	꽕	꽕	꽕	꽁	꽕	꽕	꽕
	AF01	AF11	AF21	AF31	AF41	AF51	AF61	AF71	AF81	AF91	AFA1	AFB1	AFC1	AFD1	AFE1	AFF1
2	깃	깃	깃	깃	꼿	꽝	꽝	꽝	꽕	꽕	꽕	꽕	꼿	꽕	꽕	꽕
	AF02	AF12	AF22	AF32	AF42	AF52	AF62	AF72	AF82	AF92	AFA2	AFB2	AFC2	AFD2	AFE2	AFF2
3	깃	깃	깃	깃	꼿	꽝	꽝	꽝	꽕	꽕	꽕	꽕	꼿	꽕	꽕	꽕
	AF03	AF13	AF23	AF33	AF43	AF53	AF63	AF73	AF83	AF93	AFA3	AFB3	AFC3	AFD3	AFE3	AFF3
4	깰	깰	깰	깰	꼴	꽝	꽝	꽝	꽕	꽕	꽕	꽕	꼴	꽕	꽕	꽕
	AF04	AF14	AF24	AF34	AF44	AF54	AF64	AF74	AF84	AF94	AFA4	AFB4	AFC4	AFD4	AFE4	AFF4
5	깃	깃	깃	깃	꼴	꽝	꽝	꽝	꽕	꽕	꽕	꽕	꼴	꽕	꽕	꽕
	AF05	AF15	AF25	AF35	AF45	AF55	AF65	AF75	AF85	AF95	AFA5	AFB5	AFC5	AFD5	AFE5	AFF5
6	깃	깃	깃	깃	꼴	꽝	꽝	꽝	꽕	꽕	꽕	꽕	꼴	꽕	꽕	꽕
	AF06	AF16	AF26	AF36	AF46	AF56	AF66	AF76	AF86	AF96	AFA6	AFB6	AFC6	AFD6	AFE6	AFF6
7	깃	깃	깃	깃	꼴	꽝	꽝	꽝	꽕	꽕	꽕	꽕	꼴	꽕	꽕	꽕
	AF07	AF17	AF27	AF37	AF47	AF57	AF67	AF77	AF87	AF97	AFA7	AFB7	AFC7	AFD7	AFE7	AFF7
8	깃	깃	깃	깃	꼴	꽈	꽈	꽈	꽕	꽕	꽕	꽕	꽈	꽕	꽕	꽕
	AF08	AF18	AF28	AF38	AF48	AF58	AF68	AF78	AF88	AF98	AFA8	AFB8	AFC8	AFD8	AFE8	AFF8
9	깃	깃	깃	깃	꼴	꽝	꽝	꽝	꽕	꽕	꽕	꽕	꽝	꽕	꽕	꽕
	AF09	AF19	AF29	AF39	AF49	AF59	AF69	AF79	AF89	AF99	AFA9	AFB9	AFC9	AFD9	AFE9	AFF9
A	깃	깃	깃	깃	꼴	꽝	꽝	꽝	꽕	꽕	꽕	꽕	꽝	꽕	꽕	꽕
	AF0A	AF1A	AF2A	AF3A	AF4A	AF5A	AF6A	AF7A	AF8A	AF9A	AFAA	AFBA	AFCA	AFDA	FEA	AFFA
B	깃	깃	깃	깃	꼴	꽝	꽝	꽝	꽕	꽕	꽕	꽕	꽝	꽕	꽕	꽕
	AF0B	AF1B	AF2B	AF3B	AF4B	AF5B	AF6B	AF7B	AF8B	AF9B	AFAB	AFBB	AFCB	AFDB	FEFB	AFFB
C	깃	깃	깃	깃	꼴	꽝	꽝	꽝	꽕	꽕	꽕	꽕	꽝	꽕	꽕	꽕
	AF0C	AF1C	AF2C	AF3C	AF4C	AF5C	AF6C	AF7C	AF8C	AF9C	AFAC	AFBC	AFCC	AFDC	FEFC	AFFC
D	깃	깃	깃	깃	꼴	꽝	꽝	꽝	꽕	꽕	꽕	꽕	꽝	꽕	꽕	꽕
	AF0D	AF1D	AF2D	AF3D	AF4D	AF5D	AF6D	AF7D	AF8D	AF9D	AFAD	AFBD	AFCD	AFDD	FEFD	AFFD
E	깃	깃	깃	깃	꼴	꽝	꽝	꽝	꽕	꽕	꽕	꽕	꽝	꽕	꽕	꽕
	AF0E	AF1E	AF2E	AF3E	AF4E	AF5E	AF6E	AF7E	AF8E	AF9E	AFAE	AFBE	AFCE	AFDE	FEFE	AFFE
F	깃	깃	깃	깃	꼴	꽝	꽝	꽝	꽕	꽕	꽕	꽕	꽝	꽕	꽕	꽕
	AF0F	AF1F	AF2F	AF3F	AF4F	AF5F	AF6F	AF7F	AF8F	AF9F	AFAF	AFBF	AFCF	AFDF	FEFF	AFFF

	B00	B01	B02	B03	B04	B05	B06	B07	B08	B09	B0A	B0B	B0C	B0D	B0E	B0F	
0	펩	뀐	꺾	꼴	꾹	끓	피	摭	낀	깂	날	낙	-navbar	냑	냐	냠	넴
1	펩	꺾	꿩	꿇	꼽	꽝	핍	핍	깂	낑	낡	낱	-navbar	냑	衲	衲	衲
2	펩	꺾	꺾	꿰	꿰	꿰	꿰	꿰	깂	깂	낡	낡	-navbar	냑	衲	衲	衲
3	펫	띤	찢	꿰	꿰	꿰	꿰	꿰	깂	깂	낡	낳	-navbar	냑	衲	衲	衲
4	펫	펄	꺾	꿰	꿰	꿰	꿰	꿰	깂	깂	낡	내	-navbar	냑	냔	衲	衲
5	펭	꺾	꺾	꿰	꿰	꿰	꿰	꿰	깂	깂	낡	낵	-navbar	냑	냥	넴	넴
6	펭	꺾	꺾	꿰	꿰	꿰	꿰	꿰	깂	깂	낡	내	-navbar	냑	衲	衲	衲
7	펭	꺾	꿩	꽔	꽔	꽔	꽔	꽔	깂	깂	낡	衲	-navbar	냑	衲	衲	衲
8	펭	꺾	꿰	꿰	꿰	꿰	꿰	꿰	깂	깂	낡	衲	衲	衲	衲	衲	衲
9	펭	꺾	꾹	꿰	꿰	꿰	꿰	꿰	깂	깂	낡	衲	衲	衲	衲	衲	衲
A	펭	꺾	꿰	꿰	꿰	꿰	꿰	꿰	깂	깂	낡	衲	衲	衲	衲	衲	衲
B	펭	꺾	꿰	꿰	꿰	꿰	꿰	꿰	깂	깂	낡	衲	衲	衲	衲	衲	衲
C	꺾	꺾	꿰	꿰	꿰	꿰	꿰	꿰	끼	깂	낡	衲	衲	衲	衲	衲	衲
D	꺾	꺾	꿰	꿰	꿰	꿰	꿰	꿰	끽	깂	낡	낳	-navbar	냑	衲	衲	衲
E	꺾	꺾	꿰	꿰	꿰	꿰	꿰	꿰	꺾	깂	낡	衲	衲	衲	衲	衲	衲
F	꺾	꺾	꿰	꿰	꿰	꿰	꿰	꿰	꺾	깂	낡	衲	衲	衲	衲	衲	衲

	B10	B11	B12	B13	B14	B15	B16	B17	B18	B19	B1A	B1B	B1C	B1D	B1E	B1F
0	냈 B100	널 B110	넉 B120	넓 B130	녀 B140	넘 B150	넨 B160	넸 B170	놀 B180	녹 B190	탉 B1A0	褒 B1B0	褒 B1C0	褒 B1D0	褒 B1E0	褒 B1F0
1	냉 B101	넉 B111	넉 B121	넓 B131	넉 B141	넙 B151	넨 B161	넸 B171	늙 B181	놉 B191	褒 B1A1	褒 B1B1	褒 B1C1	褒 B1D1	褒 B1E1	늙 B1F1
2	냇 B102	넓 B112	넉 B122	넓 B132	넉 B142	넙 B152	넨 B162	넸 B172	늙 B182	놉 B192	褒 B1A2	褒 B1B2	褒 B1C2	褒 B1D2	褒 B1E2	늙 B1F2
3	냇 B103	넓 B113	넉 B123	넓 B133	넉 B143	넋 B153	넨 B163	넸 B173	늙 B183	농 B193	褒 B1A3	褒 B1B3	褒 B1C3	褒 B1D3	褒 B1E3	늙 B1F3
4	넥 B104	넓 B114	네 B124	넴 B134	년 B144	넋 B154	넬 B164	넥 B174	늪 B184	놔 B194	남 B1A4	褒 B1B4	褒 B1C4	褒 B1D4	褒 B1E4	늪 B1F4
5	냅 B105	넓 B115	넥 B125	넵 B135	녕 B145	녕 B155	넵 B165	넬 B175	늪 B185	놔 B195	褒 B1A5	褒 B1B5	褒 B1C5	褒 B1D5	褒 B1E5	늪 B1F5
6	褒 B106	넓 B116	内马 B126	넓 B136	녕 B146	녕 B156	넵 B166	넬 B176	늪 B186	놔 B196	褒 B1A6	褒 B1B6	褒 B1C6	褒 B1D6	褒 B1E6	늪 B1F6
7	褒 B107	넓 B117	内马 B127	넓 B137	년 B147	녕 B157	넵 B167	넬 B177	늪 B187	놔 B197	褒 B1A7	褒 B1B7	褒 B1C7	褒 B1D7	褒 B1E7	늪 B1F7
8	너 B108	넘 B118	넨 B128	넷 B138	년 B148	녕 B158	넵 B168	노 B178	눔 B188	완 B198	褒 B1A8	褒 B1B8	褒 B1C8	褒 B1D8	褒 B1E8	눔 B1F8
9	넉 B109	넙 B119	衲 B129	衲 B139	넉 B149	넓 B159	衲 B169	녹 B179	눕 B189	褒 B199	褒 B1A9	褒 B1B9	褒 B1C9	褒 B1D9	褒 B1E9	눕 B1F9
A	넉 B10A	넙 B11A	衲 B12A	衲 B13A	넉 B14A	넓 B15A	衲 B16A	衲 B17A	녹 B18A	褒 B19A	褒 B1AA	褒 B1BA	褒 B1CA	褒 B1DA	褒 B1EA	衲 B1FA
B	넉 B10B	넉 B11B	衲 B12B	衲 B13B	넉 B14B	넓 B15B	衲 B16B	衲 B17B	녹 B18B	褒 B19B	褒 B1AB	褒 B1BB	褒 B1CB	褒 B1DB	褒 B1EB	衲 B1FB
C	년 B10C	넋 B11C	衲 B12C	衲 B13C	넉 B14C	넓 B15C	衲 B16C	衲 B17C	논 B18C	褒 B19C	褒 B1AC	褒 B1BC	褒 B1CC	褒 B1DC	褒 B1EC	衲 B1FC
D	넉 B10D	넝 B11D	衲 B12D	衲 B13D	넉 B14D	넓 B15D	衲 B16D	衲 B17D	놋 B18D	褒 B19D	褒 B1AD	褒 B1BD	褒 B1CD	褒 B1DD	褒 B1ED	衲 B1FD
E	넝 B10E	넉 B11E	衲 B12E	衲 B13E	넉 B14E	넓 B15E	衲 B16E	衲 B17E	놋 B18E	褒 B19E	褒 B1AE	褒 B1BE	褒 B1CE	褒 B1DE	褒 B1EE	衲 B1FE
F	년 B10F	넉 B11F	衲 B12F	衲 B13F	넉 B14F	넓 B15F	衲 B16F	衲 B17F	논 B18F	褒 B19F	褒 B1AF	褒 B1BF	褒 B1CF	褒 B1DF	褒 B1EF	衲 B1FF

	B20	B21	B22	B23	B24	B25	B26	B27	B28	B29	B2A	B2B	B2C	B2D	B2E	B2F
0	녹	늙	뉘	님	넴	ﾈ	될	낡	늙	느	늠	닌	눴	닐	늬	닮
	B200	B210	B220	B230	B240	B250	B260	B270	B280	B290	B2A0	B2B0	B2C0	B2D0	B2E0	B2F0
1	뜯	늙	낡	넙	┉	┉	┉	┉	┉	┉	┉	┉	┉	┉	┉	┉
	B201	B211	B221	B231	B241	B251	B261	B271	B281	B291	B2A1	B2B1	B2C1	B2D1	B2E1	B2F1
2	늪	늪	┉	┉	┉	┉	┉	┉	┉	┉	┉	┉	┉	┉	┉	┉
	B202	B212	B222	B232	B242	B252	B262	B272	B282	B292	B2A2	B2B2	B2C2	B2D2	B2E2	B2F2
3	┉	┉	┉	┉	┉	┉	┉	┉	┉	┉	┉	┉	┉	┉	┉	┉
	B203	B213	B223	B233	B243	B253	B263	B273	B283	B293	B2A3	B2B3	B2C3	B2D3	B2E3	B2F3
4	┉	┉	┉	┉	┉	┉	┉	┉	┉	┉	┉	┉	┉	┉	┉	┉
	B204	B214	B224	B234	B244	B254	B264	B274	B284	B294	B2A4	B2B4	B2C4	B2D4	B2E4	B2F4
5	┉	┉	┉	┉	┉	┉	┉	┉	┉	┉	┉	┉	┉	┉	┉	┉
	B205	B215	B225	B235	B245	B255	B265	B275	B285	B295	B2A5	B2B5	B2C5	B2D5	B2E5	B2F5
6	┉	┉	┉	┉	┉	┉	┉	┉	┉	┉	┉	┉	┉	┉	┉	┉
	B206	B216	B226	B236	B246	B256	B266	B276	B286	B296	B2A6	B2B6	B2C6	B2D6	B2E6	B2F6
7	┉	┉	┉	┉	┉	┉	┉	┉	┉	┉	┉	┉	┉	┉	┉	┉
	B207	B217	B227	B237	B247	B257	B267	B277	B287	B297	B2A7	B2B7	B2C7	B2D7	B2E7	B2F7
8	┉	┉	┉	┉	┉	┉	┉	┉	┉	┉	┉	┉	┉	┉	┉	┉
	B208	B218	B228	B238	B248	B258	B268	B278	B288	B298	B2A8	B2B8	B2C8	B2D8	B2E8	B2F8
9	┉	┉	┉	┉	┉	┉	┉	┉	┉	┉	┉	┉	┉	┉	┉	┉
	B209	B219	B229	B239	B249	B259	B269	B279	B289	B299	B2A9	B2B9	B2C9	B2D9	B2E9	B2F9
A	┉	┉	┉	┉	┉	┉	┉	┉	┉	┉	┉	┉	┉	┉	┉	┉
	B20A	B21A	B22A	B23A	B24A	B25A	B26A	B27A	B28A	B29A	B2AA	B2BA	B2CA	B2DA	B2EA	B2FA
B	┉	┉	┉	┉	┉	┉	┉	┉	┉	┉	┉	┉	┉	┉	┉	┉
	B20B	B21B	B22B	B23B	B24B	B25B	B26B	B27B	B28B	B29B	B2AB	B2BB	B2CB	B2DB	B2EB	B2FB
C	┉	┉	┉	┉	┉	┉	┉	┉	┉	┉	┉	┉	┉	┉	┉	┉
	B20C	B21C	B22C	B23C	B24C	B25C	B26C	B27C	B28C	B29C	B2AC	B2BC	B2CC	B2DC	B2EC	B2FC
D	┉	┉	┉	┉	┉	┉	┉	┉	┉	┉	┉	┉	┉	┉	┉	┉
	B20D	B21D	B22D	B23D	B24D	B25D	B26D	B27D	B28D	B29D	B2AD	B2BD	B2CD	B2DD	B2ED	B2FD
E	┉	┉	┉	┉	┉	┉	┉	┉	┉	┉	┉	┉	┉	┉	┉	┉
	B20E	B21E	B22E	B23E	B24E	B25E	B26E	B27E	B28E	B29E	B2AE	B2BE	B2CE	B2DE	B2EE	B2FE
F	┉	┉	┉	┉	┉	┉	┉	┉	┉	┉	┉	┉	┉	┉	┉	┉
	B20F	B21F	B22F	B23F	B24F	B25F	B26F	B27F	B28F	B29F	B2AF	B2BF	B2CF	B2DF	B2EF	B2FF

	B30	B31	B32	B33	B34	B35	B36	B37	B38	B39	B3A	B3B	B3C	B3D	B3E	B3F
0	대 B300	댐 B310	단 B320	닻 B330	댈 B340	댁 B350	덟 B360	데 B370	뎀 B380	던 B390	뎠 B3A0	델 B3B0	덱 B3C0	돛 B3D0	돠 B3E0	탉 B3F0
1	댁 B301	댑 B311	닻 B321	당 B331	닭 B341	댁 B351	덟 B361	덱 B371	뎁 B381	덫 B391	뗑 B3A1	뎁 B3B1	뗄 B3C1	돛 B3D1	돠 B3E1	탉 B3F1
2	댁 B302	댑 B312	닻 B322	닻 B332	닻 B342	닻 B352	덟 B362	뒈 B372	뎁 B382	덫 B392	덫 B3A2	뎁 B3B2	뗄 B3C2	돛 B3D2	₩ B3E2	탉 B3F2
3	댔 B303	댔 B313	닫 B323	닻 B333	닻 B343	닻 B353	덫 B363	뗐 B373	뗀 B383	뗀 B393	덫 B3A3	뎁 B3B3	뗄 B3C3	돛 B3D3	₩ B3E3	탉 B3F3
4	댄 B304	댔 B314	달 B324	닭 B334	닭 B344	더 B354	덤 B364	덴 B374	뗀 B384	뗀 B394	덜 B3A4	덟 B3B4	도 B3C4	돔 B3D4	₩ B3E4	탉 B3F4
5	댔 B305	댕 B315	닭 B325	닭 B335	닭 B345	덕 B355	덥 B365	뗀 B375	뎅 B385	덫 B395	덫 B3A5	뎁 B3B5	독 B3C5	돕 B3D5	₩ B3E5	됭 B3F5
6	닳 B306	댔 B316	닮 B326	닮 B336	닻 B346	닦 B356	닦 B366	뗀 B376	뎅 B386	덫 B396	덫 B3A6	뎁 B3B6	돛 B3C6	돛 B3D6	₩ B3E6	탉 B3F6
7	댄 B307	댔 B317	닮 B327	닻 B337	닻 B347	닻 B357	덫 B367	뗀 B377	뗀 B387	덫 B397	덫 B3A7	뎁 B3B7	돛 B3C7	돛 B3D7	₩ B3E7	탉 B3F7
8	댈 B308	댁 B318	닻 B328	대 B338	댐 B348	던 B358	딨 B368	델 B378	뎁 B388	뎁 B398	뎁 B3A8	뎁 B3B8	돈 B3C8	돛 B3D8	₩ B3E8	탉 B3F8
9	댁 B309	댁 B319	닻 B329	댁 B339	댑 B349	덫 B359	덩 B369	뎅 B379	뎁 B389	뎁 B399	뎁 B3A9	뎁 B3B9	돛 B3C9	돛 B3D9	₩ B3E9	탉 B3F9
A	댁 B30A	댁 B31A	닻 B32A	댁 B33A	댁 B34A	댁 B35A	덫 B36A	덫 B37A	뎁 B38A	뎁 B39A	뎁 B3AA	뎁 B3BA	돛 B3CA	돛 B3DA	₩ B3EA	탉 B3FA
B	닻 B30B	댕 B31B	닻 B32B	닻 B33B	닻 B34B	닻 B35B	덫 B36B	덫 B37B	뎅 B38B	덫 B39B	덫 B3AB	뎁 B3BB	돛 B3CB	돛 B3DB	₩ B3EB	됭 B3FB
C	닻 B30C	댜 B31C	담 B32C	댄 B33C	댔 B34C	덫 B35C	덟 B36C	덫 B37C	뎁 B38C	뎁 B39C	뎁 B3AC	뎁 B3BC	돛 B3CC	돛 B3DC	₩ B3EC	탉 B3FC
D	닻 B30D	댁 B31D	닭 B32D	닻 B33D	댁 B34D	댕 B35D	덫 B36D	덫 B37D	뎁 B38D	뎁 B39D	뎁 B3AD	뎁 B3BD	돛 B3CD	돛 B3DD	₩ B3ED	탉 B3FD
E	닻 B30E	닦 B31E	닻 B32E	닻 B33E	닭 B34E	덫 B35E	덫 B36E	뗀 B37E	뎁 B38E	뎁 B39E	뎁 B3AE	뎁 B3BE	돛 B3CE	돛 B3DE	₩ B3EE	탉 B3FE
F	닻 B30F	닻 B31F	닻 B32F	닻 B33F	댄 B34F	덫 B35F	덫 B36F	덫 B37F	뎁 B38F	뎁 B39F	뎁 B3AF	뎁 B3BF	돛 B3CF	돛 B3DF	₩ B3EF	탉 B3FF

	B40	B41	B42	B43	B44	B45	B46	B47	B48	B49	B4A	B4B	B4C	B4D	B4E	B4F
0	된	됐	될	됨	돛	두	둠	된	뒷	뗄	웩	₩	ڍ	ڍ	ڍ	ڍ
	B400	B410	B420	B430	B440	B450	B460	B470	B480	B490	B4A0	B4B0	B4C0	B4D0	B4E0	B4F0
1	됐	탱	닭	될	돛	둑	듭	뒷	뒹	₩	₩	₩	둑	듭	ڍ	등
	B401	B411	B421	B431	B441	B451	B461	B471	B481	B491	B4A1	B4B1	B4C1	B4D1	B4E1	B4F1
2	₩	₩	₩	₩	₩	₩	₩	₩	₩	₩	₩	₩	₩	₩	₩	₩
	B402	B412	B422	B432	B442	B452	B462	B472	B482	B492	B4A2	B4B2	B4C2	B4D2	B4E2	B4F2
3	된	됐	닭	됨	돛	둑	둣	된	뒷	₩	₩	₩	₩	₩	₩	₩
	B403	B413	B423	B433	B443	B453	B463	B473	B483	B493	B4A3	B4B3	B4C3	B4D3	B4E3	B4F3
4	₩	₩	₩	₩	₩	₩	₩	₩	₩	₩	₩	₩	₩	₩	₩	₩
	B404	B414	B424	B434	B444	B454	B464	B474	B484	B494	B4A4	B4B4	B4C4	B4D4	B4E4	B4F4
5	₩	₩	₩	₩	₩	₩	₩	₩	₩	₩	₩	₩	₩	₩	₩	₩
	B405	B415	B425	B435	B445	B455	B465	B475	B485	B495	B4A5	B4B5	B4C5	B4D5	B4E5	B4F5
6	₩	₩	₩	₩	₩	₩	₩	₩	₩	₩	₩	₩	₩	₩	₩	₩
	B406	B416	B426	B436	B446	B456	B466	B476	B486	B496	B4A6	B4B6	B4C6	B4D6	B4E6	B4F6
7	₩	₩	₩	₩	₩	₩	₩	₩	₩	₩	₩	₩	₩	₩	₩	₩
	B407	B417	B427	B437	B447	B457	B467	B477	B487	B497	B4A7	B4B7	B4C7	B4D7	B4E7	B4F7
8	₩	₩	₩	₩	₩	₩	₩	₩	₩	₩	₩	₩	₩	₩	₩	₩
	B408	B418	B428	B438	B448	B458	B468	B478	B488	B498	B4A8	B4B8	B4C8	B4D8	B4E8	B4F8
9	₩	₩	₩	₩	₩	₩	₩	₩	₩	₩	₩	₩	₩	₩	₩	₩
	B409	B419	B429	B439	B449	B459	B469	B479	B489	B499	B4A9	B4B9	B4C9	B4D9	B4E9	B4F9
A	₩	₩	₩	₩	₩	₩	₩	₩	₩	₩	₩	₩	₩	₩	₩	₩
	B40A	B41A	B42A	B43A	B44A	B45A	B46A	B47A	B48A	B49A	B4AA	B4BA	B4CA	B4DA	B4EA	B4FA
B	₩	₩	₩	₩	₩	₩	₩	₩	₩	₩	₩	₩	₩	₩	₩	₩
	B40B	B41B	B42B	B43B	B44B	B45B	B46B	B47B	B48B	B49B	B4AB	B4BB	B4CB	B4DB	B4EB	B4FB
C	₩	₩	₩	₩	₩	₩	₩	₩	₩	₩	₩	₩	₩	₩	₩	₩
	B40C	B41C	B42C	B43C	B44C	B45C	B46C	B47C	B48C	B49C	B4AC	B4BC	B4CC	B4DC	B4EC	B4FC
D	₩	₩	₩	₩	₩	₩	₩	₩	₩	₩	₩	₩	₩	₩	₩	₩
	B40D	B41D	B42D	B43D	B44D	B45D	B46D	B47D	B48D	B49D	B4AD	B4BD	B4CD	B4DD	B4ED	B4FD
E	₩	₩	₩	₩	₩	₩	₩	₩	₩	₩	₩	₩	₩	₩	₩	₩
	B40E	B41E	B42E	B43E	B44E	B45E	B46E	B47E	B48E	B49E	B4AE	B4BE	B4CE	B4DE	B4EE	B4FE
F	₩	₩	₩	₩	₩	₩	₩	₩	₩	₩	₩	₩	₩	₩	₩	₩
	B40F	B41F	B42F	B43F	B44F	B45F	B46F	B47F	B48F	B49F	B4AF	B4BF	B4CF	B4DF	B4EF	B4FF

	B50	B51	B52	B53	B54	B55	B56	B57	B58	B59	B5A	B5B	B5C	B5D	B5E	B5F
0	딜 B500	딜 B510	딨 B520	따 B530	땀 B540	땐 B550	뗐 B560	딸 B570	딱 B580	赧 B590	띠 B5A0	땀 B5B0	뗀 B5C0	뗐 B5D0	떳 B5E0	떡 B5F0
1	닭 B501	닭 B511	닭 B521	딱 B531	땀 B541	赧 B551	땡 B561	닭 B571	닭 B581	赧 B591	떡 B5A1	땀 B5B1	뗀 B5C1	뗐 B5D1	떳 B5E1	떡 B5F1
2	닭 B502	닭 B512	닭 B522	딱 B532	땀 B542	赧 B552	땡 B562	닭 B572	닭 B582	赧 B592	떡 B5A2	땀 B5B2	뗀 B5C2	뗐 B5D2	떳 B5E2	떡 B5F2
3	닭 B503	뒹 B513	뒹 B523	딱 B533	땀 B543	赧 B553	땡 B563	닭 B573	닭 B583	赧 B593	떡 B5A3	땀 B5B3	뗀 B5C3	뗐 B5D3	떳 B5E3	떡 B5F3
4	탉 B504	디 B514	딤 B524	딴 B534	땀 B544	赧 B554	딱 B564	닭 B574	닭 B584	赧 B594	띠 B5A4	땀 B5B4	뗀 B5C4	뗄 B5D4	떴 B5E4	떡 B5F4
5	탉 B505	딕 B515	딥 B525	땄 B535	땀 B545	赧 B555	赧 B565	닭 B575	닭 B585	赧 B595	떡 B5A5	땀 B5B5	뗀 B5C5	뗄 B5D5	떴 B5E5	떡 B5F5
6	탉 B506	닦 B516	痞 B526	땋 B536	땀 B546	赧 B556	赧 B566	닭 B576	닭 B586	赧 B596	띠 B5A6	땀 B5B6	뗀 B5C6	뗄 B5D6	떴 B5E6	떡 B5F6
7	탉 B507	닦 B517	딧 B527	딴 B537	땀 B547	赧 B557	땡 B567	닭 B577	닭 B587	赧 B597	띠 B5A7	땀 B5B7	뗀 B5C7	뗄 B5D7	떴 B5E7	떡 B5F7
8	팀 B508	딘 B518	딨 B528	딸 B538	딱 B548	赧 B558	탸 B568	땀 B578	땀 B588	赧 B598	띠 B5A8	띨 B5B8	뗀 B5C8	뗄 B5D8	떵 B5E8	뗀 B5F8
9	팀 B509	딨 B519	딩 B529	땀 B539	땀 B549	赧 B559	탸 B569	땀 B579	땀 B589	赧 B599	띠 B5A9	띨 B5B9	뗀 B5C9	뗄 B5D9	떵 B5E9	뗀 B5F9
A	탉 B50A	뒹 B51A	덫 B52A	땀 B53A	땀 B54A	赧 B55A	탸 B56A	닭 B57A	닭 B58A	赧 B59A	띠 B5AA	땀 B5BA	뗀 B5CA	뗄 B5DA	떵 B5EA	뗀 B5FA
B	탉 B50B	딛 B51B	덫 B52B	땀 B53B	땀 B54B	赧 B55B	탸 B56B	닭 B57B	닭 B58B	赧 B59B	띠 B5AB	땀 B5BB	뗀 B5CB	뗄 B5DB	떵 B5EB	뗀 B5FB
C	뒹 B50C	딜 B51C	덫 B52C	땀 B53C	땀 B54C	赧 B55C	탸 B56C	닭 B57C	닭 B58C	赧 B59C	탸 B5AC	땀 B5BC	뗀 B5CC	뗄 B5DC	떵 B5EC	뗀 B5FC
D	뒹 B50D	닭 B51D	덫 B52D	땀 B53D	땀 B54D	赧 B55D	탸 B56D	닭 B57D	닭 B58D	赧 B59D	탸 B5AD	땀 B5BD	뗀 B5CD	뗄 B5DD	떵 B5ED	뗀 B5FD
E	뒹 B50E	닭 B51E	덫 B52E	땀 B53E	땀 B54E	赧 B55E	탸 B56E	닭 B57E	닭 B58E	赧 B59E	탸 B5AE	땀 B5BE	뗀 B5CE	뗄 B5DE	떵 B5EE	뗀 B5FE
F	뒹 B50F	닭 B51F	덫 B52F	땀 B53F	땀 B54F	赧 B55F	탸 B56F	닭 B57F	닭 B58F	赧 B59F	탸 B5AF	땀 B5BF	뗀 B5CF	뗄 B5DF	떵 B5EF	뗀 B5FF

	B60	B61	B62	B63	B64	B65	B66	B67	B68	B69	B6A	B6B	B6C	B6D	B6E	B6F
0	떫	또	뜸	빤	떴	랠	꽥	꺅	됴	뜸	둔	둣	뛸	뛸	뛸	뛰
	B600	B610	B620	B630	B640	B650	B660	B670	B680	B690	B6A0	B6B0	B6C0	B6D0	B6E0	B6F0
1	뗄	똑	똑	똂	똂	땋	땋	똂	똑	똑	똂	똂	똂	똂	똂	똂
	B601	B611	B621	B631	B641	B651	B661	B671	B681	B691	B6A1	B6B1	B6C1	B6D1	B6E1	B6F1
2	뗄	똑	똑	똑	똑	똑	똑	똑	똑	똑	똑	똑	똑	똑	똑	똑
	B602	B612	B622	B632	B642	B652	B662	B672	B682	B692	B6A2	B6B2	B6C2	B6D2	B6E2	B6F2
3	뗄	똑	똑	똑	똑	똑	똑	똑	똑	똑	똑	똑	똑	똑	똑	똑
	B603	B613	B623	B633	B643	B653	B663	B673	B683	B693	B6A3	B6B3	B6C3	B6D3	B6E3	B6F3
4	뗄	똑	똑	똑	똑	똑	똑	똑	똑	똑	똑	똑	똑	똑	똑	똑
	B604	B614	B624	B634	B644	B654	B664	B674	B684	B694	B6A4	B6B4	B6C4	B6D4	B6E4	B6F4
5	뗄	똑	똑	똑	똑	똑	똑	똑	똑	똑	똑	똑	똑	똑	똑	똑
	B605	B615	B625	B635	B645	B655	B665	B675	B685	B695	B6A5	B6B5	B6C5	B6D5	B6E5	B6F5
6	뗄	똑	똑	똑	똑	똑	똑	똑	똑	똑	똑	똑	똑	똑	똑	똑
	B606	B616	B626	B636	B646	B656	B666	B676	B686	B696	B6A6	B6B6	B6C6	B6D6	B6E6	B6F6
7	뗄	똑	똑	똑	똑	똑	똑	똑	똑	똑	똑	똑	똑	똑	똑	똑
	B607	B617	B627	B637	B647	B657	B667	B677	B687	B697	B6A7	B6B7	B6C7	B6D7	B6E7	B6F7
8	뗄	똑	똑	똑	똑	똑	똑	똑	똑	똑	똑	똑	똑	똑	똑	똑
	B608	B618	B628	B638	B648	B658	B668	B678	B688	B698	B6A8	B6B8	B6C8	B6D8	B6E8	B6F8
9	뗄	똑	똑	똑	똑	똑	똑	똑	똑	똑	똑	똑	똑	똑	똑	똑
	B609	B619	B629	B639	B649	B659	B669	B679	B689	B699	B6A9	B6B9	B6C9	B6D9	B6E9	B6F9
A	뗄	똑	똑	똑	똑	똑	똑	똑	똑	똑	똑	똑	똑	똑	똑	똑
	B60A	B61A	B62A	B63A	B64A	B65A	B66A	B67A	B68A	B69A	B6AA	B6BA	B6CA	B6DA	B6EA	B6FA
B	뗄	똑	똑	똑	똑	똑	똑	똑	똑	똑	똑	똑	똑	똑	똑	똑
	B60B	B61B	B62B	B63B	B64B	B65B	B66B	B67B	B68B	B69B	B6AB	B6BB	B6CB	B6DB	B6EB	B6FB
C	뗄	똑	똑	똑	똑	똑	똑	똑	똑	똑	똑	똑	똑	똑	똑	똑
	B60C	B61C	B62C	B63C	B64C	B65C	B66C	B67C	B68C	B69C	B6AC	B6BC	B6CC	B6DC	B6EC	B6FC
D	뗄	똑	똑	똑	똑	똑	똑	똑	똑	똑	똑	똑	똑	똑	똑	똑
	B60D	B61D	B62D	B63D	B64D	B65D	B66D	B67D	B68D	B69D	B6AD	B6BD	B6CD	B6DD	B6ED	B6FD
E	뗄	똑	똑	똑	똑	똑	똑	똑	똑	똑	똑	똑	똑	똑	똑	똑
	B60E	B61E	B62E	B63E	B64E	B65E	B66E	B67E	B68E	B69E	B6AE	B6BE	B6CE	B6DE	B6EE	B6FE
F	뗄	똑	똑	똑	똑	똑	똑	똑	똑	똑	똑	똑	똑	똑	똑	똑
	B60F	B61F	B62F	B63F	B64F	B65F	B66F	B67F	B68F	B69F	B6AF	B6BF	B6CF	B6DF	B6EF	B6FF

	B70	B71	B72	B73	B74	B75	B76	B77	B78	B79	B7A	B7B	B7C	B7D	B7E	B7F	
0	뜀	뛴	뛴	뜰	뜰	뛸	뛸	띠	땀	란	랐	랠	랙	럃	래	램	런
1	뛸	뛰	뚱	뚱	뜰	뜰	띄	띠	띁	랗	랑	랲	랲	랠	랩	럁	렁
2	뛸	뚱	뚱	뚱	뜰	뜰	뛰	띁	띁	랗	랏	랲	랲	럃	랠	럁	렁
3	떴	뜯	뜻	읊	뚱	뚱	뛸	띁	떴	란	랏	랲	랲	럃	랠	럁	렁
4	떴	뜰	뚝	읊	띄	摭	摭	摭	떴	랄	락	랲	랴	람	랜	랬	럴
5	뒹	뚫	뜯	읊	띄	摭	摭	摭	뒹	뒹	랄	랲	락	람	랭	렁	렁
6	떴	뚫	뚫	읊	띄	摭	摭	摭	떴	랖	랖	랲	락	람	랭	렁	렁
7	떴	뚫	뚱	뚱	뛸	뛸	뛸	띁	떴	랖	량	랲	럃	랸	랠	럁	렁
8	뛸	뚫	뜨	뜸	띈	摭	摭	摭	뛸	랲	래	램	란	럃	랠	렉	렁
9	뛸	뚫	뜨	뜸	摭	摭	摭	摭	뛸	랲	랠	랩	량	럃	랠	렁	렁
A	뛸	뚫	뛰	읊	摭	摭	摭	摭	.NotNil								
B	뒹	뚫	뚱	뚱	.NotNil												
C	뛰	뜯	뜯	읊	摭	摭	摭	摭	.NotNil								
D	뚝	摭	摭	뚱	摭	摭	摭	摭	.NotNil								
E	뚝	뚫	뚱	뚱	摭	摭	摭	摭	.NotNil								
F	뚱	뚱	뚱	뚱	摭	摭	摭	摭	.NotNil								

	B80	B81	B82	B83	B84	B85	B86	B87	B88	B89	B8A	B8B	B8C	B8D	B8E	B8F
0	렀	렐	렉	ဋ	례	렘	론	툐	활	콱	툔	뢰	룀	론	툐	룰
	B800	B810	B820	B830	B840	B850	B860	B870	B880	B890	B8A0	B8B0	B8C0	B8D0	B8E0	B8F0
1	렁	뤱	뤱	뤱	렉	뤱	툐	됭	뤱	뤱	뤱	뤽	뤱	툐	툐	뤱
	B801	B811	B821	B831	B841	B851	B861	B871	B881	B891	B8A1	B8B1	B8C1	B8D1	B8E1	B8F1
2	렀	툔	뤱	뤱	렉	뤱	툐	툐	툔	툔	툔	툔	툔	툐	툐	툔
	B802	B812	B822	B832	B842	B852	B862	B872	B882	B892	B8A2	B8B2	B8C2	B8D2	B8E2	B8F2
3	렀	툔	뤱	뤱	뤱	뤱	툐	툐	툔	툔	툔	툔	툔	툐	툐	툔
	B803	B813	B823	B833	B843	B853	B863	B873	B883	B893	B8A3	B8B3	B8C3	B8D3	B8E3	B8F3
4	ㄺ	뤱	려	럴	렌	뤱	롤	록	툔	래	툔	뢴	뢴	롤	록	툔
	B804	B814	B824	B834	B844	B854	B864	B874	B884	B894	B8A4	B8B4	B8C4	B8D4	B8E4	B8F4
5	る	뤱	력	럽	렌	뤱	롭	롭	툔	택	툔	뢴	툔	롭	롭	툔
	B805	B815	B825	B835	B845	B855	B865	B875	B885	B895	B8A5	B8B5	B8C5	B8D5	B8E5	B8F5
6	럱	뤱	뤱	툔	뤱	뤱	툐	툐	툔	툔	툔	툔	툔	툐	툐	툔
	B806	B816	B826	B836	B846	B856	B866	B876	B886	B896	B8A6	B8B6	B8C6	B8D6	B8E6	B8F6
7	렁	뤱	뤱	뤱	렌	뤱	툐	됭	툔	툔	툔	툔	툔	툐	툐	툔
	B807	B817	B827	B837	B847	B857	B867	B877	B887	B897	B8A7	B8B7	B8C7	B8D7	B8E7	B8F7
8	레	лем	련	툔	렐	렉	툐	탸	탸	탸	탸	탸	탸	툐	툐	툔
	B808	B818	B828	B838	B848	B858	B868	B878	B888	B898	B8A8	B8B8	B8C8	B8D8	B8E8	B8F8
9	렉	뤱	뤱	령	뤱	뤱	툐	탸	탸	탸	탸	탸	탸	툐	툐	툔
	B809	B819	B829	B839	B849	B859	B869	B879	B889	B899	B8A9	B8B9	B8C9	B8D9	B8E9	B8F9
A	툔	뤱	뤱	툔	툔	툔	툐	탸	툔	툔	툔	툔	툔	툐	툐	툔
	B80A	B81A	B82A	B83A	B84A	B85A	B86A	B87A	B88A	B89A	B8AA	B8BA	B8CA	B8DA	B8EA	B8FA
B	툔	뤱	련	툔	툔	툔	툐	툔	툔	툔	툔	툔	툔	툐	툐	툔
	B80B	B81B	B82B	B83B	B84B	B85B	B86B	B87B	B88B	B89B	B8AB	B8BB	B8CB	B8DB	B8EB	B8FB
C	롄	툔	랠	럴	툔	툐	툐	툐	툔	툔	툔	툔	툔	툐	툐	툔
	B80C	B81C	B82C	B83C	B84C	B85C	B86C	B87C	B88C	B89C	B8AC	B8BC	B8CC	B8DC	B8EC	B8FC
D	툔	툔	럴	럴	툔	툔	툐	툐	툔	툔	툔	툔	툔	툐	툐	툔
	B80D	B81D	B82D	B83D	B84D	B85D	B86D	B87D	B88D	B89D	B8AD	B8BD	B8CD	B8DD	B8ED	B8FD
E	툔	툔	툔	툔	툔	툔	툐	툐	툔	툔	툔	툔	툔	툐	툐	툔
	B80E	B81E	B82E	B83E	B84E	B85E	B86E	B87E	B88E	B89E	B8AE	B8BE	B8CE	B8DE	B8EE	B8FE
F	롄	툔	툔	럴	럴	툔	툐	툐	툔	툔	툔	툔	툔	툐	툐	툔
	B80F	B81F	B82F	B83F	B84F	B85F	B86F	B87F	B88F	B89F	B8AF	B8BF	B8CF	B8DF	B8EF	B8FF

	B90	B91	B92	B93	B94	B95	B96	B97	B98	B99	B9A	B9B	B9C	B9D	B9E	B9F
0	록	룔	툄	툆	뤈	뤈	뤈	뤈	뤈	rix	림	린	릿	말	막	먮
	B900	B910	B920	B930	B940	B950	B960	B970	B980	B990	B9A0	B9B0	B9C0	B9D0	B9E0	B9F0
1	噜	뤈	툄	툆	뤈	뤈	뤈	뤈	뤈	rix	립	릿	링	맑	맡	먮
	B901	B911	B921	B931	B941	B951	B961	B971	B981	B991	B9A1	B9B1	B9C1	B9D1	B9E1	B9F1
2	뤈	뤈	툄	툆	뤈	뤈	뤈	뤈	뤈	rix	릁	릁	릁	맑	牒	먮
	B902	B912	B922	B932	B942	B952	B962	B972	B982	B992	B9A2	B9B2	B9C2	B9D2	B9E2	B9F2
3	릉	뤈	툄	툆	뤈	뤈	뤈	뤈	뤈	rix	린	릿	맑	망	먮	먮
	B903	B913	B923	B933	B943	B953	B963	B973	B983	B993	B9A3	B9B3	B9C3	B9D3	B9E3	B9F3
4	뤈	뤈	툄	툆	뤈	뤈	뤈	뤈	뤈	rix	릴	릭	맑	매	맴	먮
	B904	B914	B924	B934	B944	B954	B964	B974	B984	B994	B9A4	B9B4	B9C4	B9D4	B9E4	B9F4
5	툄	뤈	툄	툆	뤈	뤈	뤈	뤈	뤈	rix	립	릿	릁	맑	맥	먮
	B905	B915	B925	B935	B945	B955	B965	B975	B985	B995	B9A5	B9B5	B9C5	B9D5	B9E5	B9F5
6	툄	뤈	툄	툆	뤈	뤈	뤈	뤈	뤈	rix	릴	릁	릴	맑	맥	먮
	B906	B916	B926	B936	B946	B956	B966	B976	B986	B996	B9A6	B9B6	B9C6	B9D6	B9E6	B9F6
7	뤈	뤈	툄	툆	뤈	뤈	뤈	뤈	뤈	rix	릁	릁	릁	맑	맸	먮
	B907	B917	B927	B937	B947	B957	B967	B977	B987	B997	B9A7	B9B7	B9C7	B9D7	B9E7	B9F7
8	뤈	뤈	툄	툆	뤈	뤈	뤈	뤈	뤈	rix	릁	릁	마	맘	맨	먮
	B908	B918	B928	B938	B948	B958	B968	B978	B988	B998	B9A8	B9B8	B9C8	B9D8	B9E8	B9F8
9	뤈	뤈	툄	툆	뤈	뤈	뤈	뤈	뤈	rix	릴	릁	막	맙	맸	먮
	B909	B919	B929	B939	B949	B959	B969	B979	B989	B999	B9A9	B9B9	B9C9	B9D9	B9E9	B9F9
A	뤈	뤈	툄	툆	뤈	뤈	뤈	뤈	뤈	rix	릁	릁	막	맙	맺	먮
	B90A	B91A	B92A	B93A	B94A	B95A	B96A	B97A	B98A	B99A	B9AA	B9BA	B9CA	B9DA	B9EA	B9FA
B	뤈	뤈	툄	툆	뤈	뤈	뤈	뤈	뤈	rix	릁	릁	막	맙	맏	먮
	B90B	B91B	B92B	B93B	B94B	B95B	B96B	B97B	B98B	B99B	B9AB	B9BB	B9CB	B9DB	B9EB	B9FB
C	뤈	뤈	툄	툆	뤈	뤈	뤈	뤈	뤈	rix	리	림	만	맛	맬	먮
	B90C	B91C	B92C	B93C	B94C	B95C	B96C	B97C	B98C	B99C	B9AC	B9BC	B9CC	B9DC	B9EC	B9FC
D	뤈	뤈	툄	툆	뤈	뤈	뤈	뤈	뤈	rix	릭	립	맙	망	맑	먮
	B90D	B91D	B92D	B93D	B94D	B95D	B96D	B97D	B98D	B99D	B9AD	B9BD	B9CD	B9DD	B9ED	B9FD
E	뤈	뤈	툄	툆	뤈	뤈	뤈	뤈	뤈	rix	릁	릁	많	맞	먮	먮
	B90E	B91E	B92E	B93E	B94E	B95E	B96E	B97E	B98E	B99E	B9AE	B9BE	B9CE	B9DE	B9EE	B9FE
F	뤈	뤈	툄	툆	뤈	뤈	뤈	뤈	뤈	rix	릁	릁	만	맛	먮	먮
	B90F	B91F	B92F	B93F	B94F	B95F	B96F	B97F	B98F	B99F	B9AF	B9BF	B9CF	B9DF	B9EF	B9FF

	BA0	BA1	BA2	BA3	BA4	BA5	BA6	BA7	BA8	BA9	BAA	BAB	BAC	BAD	BAE	BAF
0	먀	얌	맨	唳	멀	먹	医疗卫生	며	염	멘	였	몰	복	罵	돼	褒
	BA00	BA10	BA20	BA30	BA40	BA50	BA60	BA70	BA80	BA90	BAA0	BAB0	BAC0	BAD0	BAE0	BAF0
1	막	깝	맸	맹	늙	멀	医疗卫生	멱	멱	멥	뗏	묽	몰	罵	꽥	褒
	BA01	BA11	BA21	BA31	BA41	BA51	BA61	BA71	BA81	BA91	BAA1	BAB1	BAC1	BAD1	BAE1	BAF1
2	맑	맑	맑	맺	맑	멀	医疗卫生	맑	맑	옅	옅	묽	몰	罵	꽥	褒
	BA02	BA12	BA22	BA32	BA42	BA52	BA62	BA72	BA82	BA92	BAA2	BAB2	BAC2	BAD2	BAE2	BAF2
3	맞	맞	맨	맺	맑	멀	医疗卫生	맞	몄	면	몄	묽	몰	骂	됐	褒
	BA03	BA13	BA23	BA33	BA43	BA53	BA63	BA73	BA83	BA93	BAA3	BAB3	BAC3	BAD3	BAE3	BAF3
4	만	맞	맬	맥	멎	메	医疗卫生	만	몄	멜	멕	몰	وا	罵	왠	褒
	BA04	BA14	BA24	BA34	BA44	BA54	BA64	BA74	BA84	BA94	BAA4	BAB4	BAC4	BAD4	BAE4	BAF4
5	맞	망	맑	맬	멎	멕	医疗卫生	맞	떴	명	医疗卫生	몰	막	罵	됐	褒
	BA05	BA15	BA25	BA35	BA45	BA55	BA65	BA75	BA85	BA95	BAA5	BAB5	BAC5	BAD5	BAE5	BAF5
6	많	맞	맑	맬	멎	멕	医疗卫生	많	떴	몇	医疗卫生	몰	막	罵	됐	褒
	BA06	BA16	BA26	BA36	BA46	BA56	BA66	BA76	BA86	BA96	BAA6	BAB6	BAC6	BAD6	BAE6	BAF6
7	만	맞	맑	맣	멎	멧	医疗卫生	만	떴	医疗卫生	医疗卫生	몰	막	罵	됐	褒
	BA07	BA17	BA27	BA37	BA47	BA57	BA67	BA77	BA87	BA97	BAA7	BAB7	BAC7	BAD7	BAE7	BAF7
8	말	막	맑	며	멈	멘	医疗卫生	말	医疗卫生	医疗卫生	医疗卫生	모	몸	완	罵	褒
	BA08	BA18	BA28	BA38	BA48	BA58	BA68	BA78	BA88	BA98	BAA8	BAB8	BAC8	BAD8	BAE8	BAF8
9	맑	맡	맑	먹	밉	멧	医疗卫生	맑	医疗卫生	医疗卫生	医疗卫生	목	몹	罵	褒	褒
	BA09	BA19	BA29	BA39	BA49	BA59	BA69	BA79	BA89	BA99	BAA9	BAB9	BAC9	BAD9	BAE9	BAF9
A	맑	맞	맑	먹	밉	멧	医疗卫生	맑	医疗卫生	医疗卫生	医疗卫生	목	몹	罵	褒	褒
	BA0A	BA1A	BA2A	BA3A	BA4A	BA5A	BA6A	BA7A	BA8A	BA9A	BAA0	BAB0	BAC0	BAD0	BAE0	BAF0
B	맑	맞	맑	멎	멎	멘	医疗卫生	맑	医疗卫生	医疗卫生	医疗卫生	못	못	완	罵	褒
	BA0B	BA1B	BA2B	BA3B	BA4B	BA5B	BA6B	BA7B	BA8B	BA9B	BAA0	BAB0	BAC0	BAD0	BAE0	BAF0
C	맞	매	맴	먼	먼	멜	医疗卫生	맞	医疗卫生	医疗卫生	医疗卫生	돈	돈	罵	褒	褒
	BA0C	BA1C	BA2C	BA3C	BA4C	BA5C	BA6C	BA7C	BA8C	BA9C	BAA0	BAB0	BAC0	BAD0	BAE0	BAF0
D	맞	맥	맵	멎	멍	医疗卫生	맞	医疗卫生	医疗卫生	医疗卫生	몹	몹	똥	罵	褒	褒
	BA0D	BA1D	BA2D	BA3D	BA4D	BA5D	BA6D	BA7D	BA8D	BA9D	BAA0	BAB0	BAC0	BAD0	BAE0	BAF0
E	맞	맥	맵	멎	멎	医疗卫生	맞	医疗卫生	医疗卫生	医疗卫生	똥	똥	똥	罵	褒	褒
	BA0E	BA1E	BA2E	BA3E	BA4E	BA5E	BA6E	BA7E	BA8E	BA9E	BAA0	BAB0	BAC0	BAD0	BAE0	BAF0
F	맞	맷	맷	먼	먼	医疗卫生	맞	医疗卫生	医疗卫生	医疗卫生	돈	돈	罵	罵	褒	褒
	BA0F	BA1F	BA2F	BA3F	BA4F	BA5F	BA6F	BA7F	BA8F	BA9F	BAA0	BAB0	BAC0	BAD0	BAE0	BAF0

	BB0	BB1	BB2	BB3	BB4	BB5	BB6	BB7	BB8	BB9	BBA	BBB	BBC	BBD	BBE	BBF
0	된	웠	몰	목	嘬	髻	룀	wen	뤕	뮐	뫔	嘬	մ	음	민	떴
	BB00	BB10	BB20	BB30	BB40	BB50	BB60	BB70	BB80	BB90	BBA0	BBB0	BBC0	BBD0	BBE0	BBF0
1	۾	۾	۾	۾	۾	۾	۾	۾	۾	۾	۾	۾	մ	մ	մ	մ
	BB01	BB11	BB21	BB31	BB41	BB51	BB61	BB71	BB81	BB91	BBA1	BBB1	BBC1	BBD1	BBE1	BBF1
2	۾	۾	۾	۾	۾	۾	۾	۾	۾	۾	۾	۾	մ	մ	մ	մ
	BB02	BB12	BB22	BB32	BB42	BB52	BB62	BB72	BB82	BB92	BBA2	BBB2	BBC2	BBD2	BBE2	BBF2
3	된	및	늄	돐	돐	耨	髻	颁发	뤕	뫔	뫔	뫔	մ	ժ	մ	및
	BB03	BB13	BB23	BB33	BB43	BB53	BB63	BB73	BB83	BB93	BBA3	BBB3	BBC3	BBD3	BBE3	BBF3
4	威尔	洣	읊	무	룸	원	롼	ᠸ	ኤ	ጀ	ጀ	ጀ	մ	մ	մ	մ
	BB04	BB14	BB24	BB34	BB44	BB54	BB64	BB74	BB84	BB94	BBA4	BBB4	BBC4	BBD4	BBE4	BBF4
5	۾	۾	۾	۾	۾	۾	۾	۾	۾	۾	۾	۾	մ	մ	մ	մ
	BB05	BB15	BB25	BB35	BB45	BB55	BB65	BB75	BB85	BB95	BBA5	BBB5	BBC5	BBD5	BBE5	BBF5
6	۾	۾	۾	۾	۾	۾	۾	۾	۾	۾	۾	۾	մ	մ	մ	մ
	BB06	BB16	BB26	BB36	BB46	BB56	BB66	BB76	BB86	BB96	BBA6	BBB6	BBC6	BBD6	BBE6	BBF6
7	۾	۾	۾	۾	۾	۾	۾	۾	۾	۾	۾	۾	մ	մ	մ	մ
	BB07	BB17	BB27	BB37	BB47	BB57	BB67	BB77	BB87	BB97	BBA7	BBB7	BBC7	BBD7	BBE7	BBF7
8	۾	豆	哚	문	닳	될	ጀ	ጀ	ጀ	ጀ	ጀ	ጀ	մ	մ	մ	մ
	BB08	BB18	BB28	BB38	BB48	BB58	BB68	BB78	BB88	BB98	BBA8	BBB8	BBC8	BBD8	BBE8	BBF8
9	۾	목	릅	돛	뚱	옭	ጀ	ጀ	ጀ	ጀ	ጀ	ጀ	մ	մ	մ	մ
	BB09	BB19	BB29	BB39	BB49	BB59	BB69	BB79	BB89	BB99	BBA9	BBB9	BBC9	BBD9	BBE9	BBF9
A	۾	묶	죂	뚯	뚯	뚯	뚯	뚯	뚯	뚯	뚯	뚯	մ	մ	մ	մ
	BB0A	BB1A	BB2A	BB3A	BB4A	BB5A	BB6A	BB7A	BB8A	BB9A	BBAA	BBBA	BBCA	BBDA	BBEA	BBFA
B	۾	报送														
	BB0B	BB1B	BB2B	BB3B	BB4B	BB5B	BB6B	BB7B	BB8B	BB9B	BBAB	BBBB	BBCB	BBDB	BBEB	BBFB
C	۾	ມ	ມ	ມ	ມ	ມ	ມ	ມ	ມ	ມ	ມ	ມ	ມ	ມ	ມ	ມ
	BB0C	BB1C	BB2C	BB3C	BB4C	BB5C	BB6C	BB7C	BB8C	BB9C	BBAC	BBBC	BBCC	BBDC	BBEC	BBFC
D	۾	报送														
	BB0D	BB1D	BB2D	BB3D	BB4D	BB5D	BB6D	BB7D	BB8D	BB9D	BBAD	BBBD	BBCD	BBDD	BBED	BBFD
E	报送															
	BB0E	BB1E	BB2E	BB3E	BB4E	BB5E	BB6E	BB7E	BB8E	BB9E	BBAE	BBBE	BBCF	BBDE	BBEE	BBFE
F	۾	ມ	ມ	ມ	ມ	ມ	ມ	ມ	ມ	ມ	ມ	ມ	ມ	ມ	ມ	ມ
	BB0F	BB1F	BB2F	BB3F	BB4F	BB5F	BB6F	BB7F	BB8F	BB9F	BBAF	BBBF	BBCF	BBDF	BBEF	BBFF

	BC0	BC1	BC2	BC3	BC4	BC5	BC6	BC7	BC8	BC9	BCA	BCB	BCC	BCD	BCE	BCF
0	밀 BC00	믹 BC10	밟 BC20	배 BC30	뱀 BC40	반 BC50	밟 BC60	밸 BC70	백 BC80	밟 BC90	베 BCA0	벰 BCB0	변 BCC0	볐 BCD0	벨 BCE0	벡 BCF0
1	밉 BC01	밀 BC11	밟 BC21	백 BC31	뱁 BC41	밟 BC51	방 BC61	밟 BC71	밸 BC81	밟 BC91	벡 BCA1	뱁 BCB1	별 BCC1	병 BCD1	뵙 BCE1	뵙 BCF1
2	밉 BC02	밀 BC12	밟 BC22	백 BC32	뱁 BC42	밟 BC52	밧 BC62	밟 BC72	嬖 BC82	밟 BC92	벡 BCA2	뱁 BCB2	별 BCC2	별 BCD2	별 BCE2	별 BCF2
3	밉 BC03	밀 BC13	밟 BC23	뱁 BC33	뱁 BC43	반 BC53	밧 BC63	밟 BC73	嬖 BC83	嬖 BC93	벳 BCA3	벳 BCB3	별 BCC3	별 BCD3	별 BCE3	별 BCF3
4	밉 BC04	바 BC14	밤 BC24	밴 BC34	뱁 BC44	발 BC54	박 BC64	밟 BC74	버 BC84	밤 BC94	벤 BCA4	벤 BCB4	별 BCC4	별 BCD4	별 BCE4	보 BCF4
5	밉 BC05	박 BC15	밥 BC25	밟 BC35	뱅 BC45	밝 BC55	밭 BC65	밟 BC75	벅 BC85	법 BC95	벳 BCA5	벵 BCB5	별 BCC5	별 BCD5	별 BCE5	복 BCF5
6	밉 BC06	밖 BC16	밟 BC26	밟 BC36	_bc BC46	밟 BC56	밟 BC66	밟 BC76	벅 BC86	밟 BC96	벵 BCA6	벵 BCB6	별 BCC6	별 BCD6	별 BCE6	복 BCF6
7	밉 BC07	밖 BC17	밧 BC27	嬖 BC37	嬖 BC47	밟 BC57	嬖 BC67	嬖 BC77	嬖 BC87	嬖 BC97	벳 BCA7	벳 BCB7	嬖 BCC7	嬖 BCD7	嬖 BCE7	복 BCF7
8	밉 BC08	반 BC18	밟 BC28	밸 BC38	백 BC48	밟 BC58	배 BC68	뱀 BC78	번 BC88	嬖 BC98	벳 BCA8	벵 BCB8	별 BCC8	별 BCD8	벳 BCE8	본 BCF8
9	밉 BC09	밟 BC19	방 BC29	嬖 BC39	嬖 BC49	밟 BC59	백 BC69	뱁 BC79	뱁 BC89	嬖 BC99	벳 BCA9	벵 BCB9	별 BCC9	별 BCD9	벳 BCE9	복 BCF9
A	밉 BC0A	많 BC1A	밧 BC2A	嬖 BC3A	嬖 BC4A	밟 BC5A	백 BC6A	뱁 BC7A	嬖 BC8A	嬖 BC9A	벳 BCAA	벵 BCBAA	별 BCCA	별 BCDA	벳 BCEA	복 BCFA
B	밋 BC0B	반 BC1B	밧 BC2B	嬖 BC3B	嬖 BC4B	밟 BC5B	嬖 BC6B	嬖 BC7B	嬖 BC8B	嬖 BC9B	벵 BCAB	벵 BCBB	별 BCCB	별 BCDB	벳 BCEB	복 BCFB
C	밋 BC0C	발 BC1C	박 BC2C	嬖 BC3C	嬖 BC4C	밟 BC5C	밤 BC6C	嬖 BC7C	嬖 BC8C	嬖 BC9C	벳 BCAC	벵 BCBC	별 BCDC	벳 BCEC	복 BCFC	
D	밉 BC0D	밝 BC1D	밭 BC2D	嬖 BC3D	嬖 BC4D	밥 BC5D	嬖 BC6D	嬖 BC7D	嬖 BC8D	嬖 BC9D	벳 BCAD	벵 BCBD	별 BCDD	별 BCED	복 BCFD	
E	밋 BC0E	밟 BC1E	밟 BC2E	嬖 BC3E	嬖 BC4E	밟 BC5E	嬖 BC6E	嬖 BC7E	嬖 BC8E	嬖 BC9E	벳 BCAE	벵 BCBE	별 BCCE	별 BCDE	벳 BCEE	복 BCFE
F	밋 BC0F	밟 BC1F	방 BC2F	嬖 BC3F	嬖 BC4F	밟 BC5F	嬖 BC6F	嬖 BC7F	嬖 BC8F	嬖 BC9F	벳 BCAF	벵 BCBF	별 BCCF	별 BCDF	벳 BCEF	복 BCFF

	BD0	BD1	BD2	BD3	BD4	BD5	BD6	BD7	BD8	BD9	BDA	BDB	BDC	BDD	BDE	BDF
0	뵂	뵄	뵅	뵆	뵇	뵈	뵉	뵊	뵋	뵌	뵍	뵎	뵏	뵐	뵒	뵔
	BD00	BD10	BD20	BD30	BD40	BD50	BD60	BD70	BD80	BD90	BDA0	BDB0	BDC0	BDD0	BDE0	BDF0
1	뵃	뵄	뵅	뵆	뵇	뵈	뵉	뵊	뵋	뵌	뵍	뵎	뵏	뵐	뵒	뵔
	BD01	BD11	BD21	BD31	BD41	BD51	BD61	BD71	BD81	BD91	BDA1	BDB1	BDC1	BDD1	BDE1	BDF1
2	뵃	뵄	뵅	뵆	뵇	뵈	뵉	뵊	뵋	뵌	뵍	뵎	뵏	뵐	뵒	뵔
	BD02	BD12	BD22	BD32	BD42	BD52	BD62	BD72	BD82	BD92	BDA2	BDB2	BDC2	BDD2	BDE2	BDF2
3	뵃	뵄	뵅	뵆	뵇	뵈	뵉	뵊	뵋	뵌	뵍	뵎	뵏	뵐	뵒	뵔
	BD03	BD13	BD23	BD33	BD43	BD53	BD63	BD73	BD83	BD93	BDA3	BDB3	BDC3	BDD3	BDE3	BDF3
4	뵃	뵄	뵅	뵆	뵇	뵈	뵉	뵊	뵋	뵌	뵍	뵎	뵏	뵐	뵒	뵔
	BD04	BD14	BD24	BD34	BD44	BD54	BD64	BD74	BD84	BD94	BDA4	BDB4	BDC4	BDD4	BDE4	BDF4
5	뵃	뵄	뵅	뵆	뵇	뵈	뵉	뵊	뵋	뵌	뵍	뵎	뵏	뵐	뵒	뵔
	BD05	BD15	BD25	BD35	BD45	BD55	BD65	BD75	BD85	BD95	BDA5	BDB5	BDC5	BDD5	BDE5	BDF5
6	뵃	뵄	뵅	뵆	뵇	뵈	뵉	뵊	뵋	뵌	뵍	뵎	뵏	뵐	뵒	뵔
	BD06	BD16	BD26	BD36	BD46	BD56	BD66	BD76	BD86	BD96	BDA6	BDB6	BDC6	BDD6	BDE6	BDF6
7	뵃	뵄	뵅	뵆	뵇	뵈	뵉	뵊	뵋	뵌	뵍	뵎	뵏	뵐	뵒	뵔
	BD07	BD17	BD27	BD37	BD47	BD57	BD67	BD77	BD87	BD97	BDA7	BDB7	BDC7	BDD7	BDE7	BDF7
8	뵃	뵄	뵅	뵆	뵇	뵈	뵉	뵊	뵋	뵌	뵍	뵎	뵏	뵐	뵒	뵔
	BD08	BD18	BD28	BD38	BD48	BD58	BD68	BD78	BD88	BD98	BDA8	BDB8	BDC8	BDD8	BDE8	BDF8
9	뵃	뵄	뵅	뵆	뵇	뵈	뵉	뵊	뵋	뵌	뵍	뵎	뵏	뵐	뵒	뵔
	BD09	BD19	BD29	BD39	BD49	BD59	BD69	BD79	BD89	BD99	BDA9	BDB9	BDC9	BDD9	BDE9	BDF9
A	뵃	뵄	뵅	뵆	뵇	뵈	뵉	뵊	뵋	뵌	뵍	뵎	뵏	뵐	뵒	뵔
	BD0A	BD1A	BD2A	BD3A	BD4A	BD5A	BD6A	BD7A	BD8A	BD9A	BDAA	BDBA	BDCA	BDDA	BDEA	BDFA
B	뵃	뵄	뵅	뵆	뵇	뵈	뵉	뵊	뵋	뵌	뵍	뵎	뵏	뵐	뵒	뵔
	BD0B	BD1B	BD2B	BD3B	BD4B	BD5B	BD6B	BD7B	BD8B	BD9B	BDAE	BDBB	BDCB	BDDB	BDEB	BDFA
C	뵃	뵄	뵅	뵆	뵇	뵈	뵉	뵊	뵋	뵌	뵍	뵎	뵏	뵐	뵒	뵔
	BD0C	BD1C	BD2C	BD3C	BD4C	BD5C	BD6C	BD7C	BD8C	BD9C	BDAE	BDBC	BDCC	BDDC	BDEC	BDFA
D	뵃	뵄	뵅	뵆	뵇	뵈	뵉	뵊	뵋	뵌	뵍	뵎	뵏	뵐	뵒	뵔
	BD0D	BD1D	BD2D	BD3D	BD4D	BD5D	BD6D	BD7D	BD8D	BD9D	BDAE	BDBD	BDCD	BDDD	BDED	BDFA
E	뵃	뵄	뵅	뵆	뵇	뵈	뵉	뵊	뵋	뵌	뵍	뵎	뵏	뵐	뵒	뵔
	BD0E	BD1E	BD2E	BD3E	BD4E	BD5E	BD6E	BD7E	BD8E	BD9E	BDAE	BDBE	BDCE	BDDC	BDEE	BDFA
F	뵃	뵄	뵅	뵆	뵇	뵈	뵉	뵊	뵋	뵌	뵍	뵎	뵏	뵐	뵒	뵔
	BD0F	BD1F	BD2F	BD3F	BD4F	BD5F	BD6F	BD7F	BD8F	BD9F	BDAF	BDBF	BDCF	BDDF	BDEF	BDFA

	BE0	BE1	BE2	BE3	BE4	BE5	BE6	BE7	BE8	BE9	BEA	BEB	BEC	BED	BEE	BEF	
0	倨	븐	븃	뵐	븵	뵂	뵃	뵄	뵅	뵆	뵇	뵈	뵉	뵊	뵋	뵌	뵍
1	倨	븃	븀	뵔	뵐	뵕	뵖	뵗	뵘	뵙	뵚	뵛	뵜	뵝	뵞	뵟	뵠
2	倨	븃	븃	뵔	뵔	뵔	뵔	뵔	뵔	뵔	뵔	뵔	뵔	뵔	뵔	뵔	뵔
3	븃	븐	븃	뵔	뵔	뵔	뵔	뵔	뵔	뵔	뵔	뵔	뵔	뵔	뵔	뵔	뵔
4	倨	븃	븃	뵔	뵔	비	빔	빩	뵔	뵔	뵔	뵔	뵔	뵔	뵔	뵔	뵔
5	븀	븃	븃	뵔	뵔	빅	빕	뵔	뵔	뵔	뵔	뵔	뵔	뵔	뵔	뵔	뵔
6	倨	븃	븃	뵔	뵔	뷔	뷔	뵔	뵔	뵔	뵔	뵔	뵔	뵔	뵔	뵔	뵔
7	倨	븃	븀	뵔	뵔	뷔	뷔	빩	뵔	뵔	뵔	뵔	뵔	뵔	뵔	뵔	뵔
8	倨	븃	비	빔	빈	빔	빩	빩	빩	빩	빩	빩	빩	빩	빩	빩	빩
9	뷸	븃	빅	뵙	ביטחון												
A	북	븃	뷔	뵔	뵔	뵔	뵔	뵔	뵔	뵔	뵔	뵔	뵔	뵔	뵔	뵔	뵔
B	븀	븃	븃	뵔	뵔	뵌	뵌	뵔	뵔	뵔	뵔	뵔	뵔	뵔	뵔	뵔	뵔
C	븃	伋	빈	뵔	뵐	뵐	뵐										
D	북	븃	븃	뵔	뵔	뵔	뵔	뵔	뵔	뵔	뵔	뵔	뵔	뵔	뵔	뵔	뵔
E	북	븃	븃	뵔	뵔	뵔	뵔	뵔	뵔	뵔	뵔	뵔	뵔	뵔	뵔	뵔	뵔
F	북	븃	빈	뵔	뵔	뵔	뵔	뵔	뵔	뵔	뵔	뵔	뵔	뵔	뵔	뵔	뵔

	BF0	BF1	BF2	BF3	BF4	BF5	BF6	BF7	BF8	BF9	BFA	BFB	BFC	BFD	BFE	BFF
0	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ
	BF00	BF10	BF20	BF30	BF40	BF50	BF60	BF70	BF80	BF90	BFA0	BFB0	BFC0	BFD0	BFE0	BFF0
1	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ
	BF01	BF11	BF21	BF31	BF41	BF51	BF61	BF71	BF81	BF91	BFA1	BFB1	BFC1	BFD1	BFE1	BFF1
2	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ
	BF02	BF12	BF22	BF32	BF42	BF52	BF62	BF72	BF82	BF92	BFA2	BFB2	BFC2	BFD2	BFE2	BFF2
3	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ
	BF03	BF13	BF23	BF33	BF43	BF53	BF63	BF73	BF83	BF93	BFA3	BFB3	BFC3	BFD3	BFE3	BFF3
4	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ
	BF04	BF14	BF24	BF34	BF44	BF54	BF64	BF74	BF84	BF94	BFA4	BFB4	BFC4	BFD4	BFE4	BFF4
5	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ
	BF05	BF15	BF25	BF35	BF45	BF55	BF65	BF75	BF85	BF95	BFA5	BFB5	BFC5	BFD5	BFE5	BFF5
6	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ
	BF06	BF16	BF26	BF36	BF46	BF56	BF66	BF76	BF86	BF96	BFA6	BFB6	BFC6	BFD6	BFE6	BFF6
7	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ
	BF07	BF17	BF27	BF37	BF47	BF57	BF67	BF77	BF87	BF97	BFA7	BFB7	BFC7	BFD7	BFE7	BFF7
8	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ
	BF08	BF18	BF28	BF38	BF48	BF58	BF68	BF78	BF88	BF98	BFA8	BFB8	BFC8	BFD8	BFE8	BFF8
9	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ
	BF09	BF19	BF29	BF39	BF49	BF59	BF69	BF79	BF89	BF99	BFA9	BFB9	BFC9	BFD9	BFE9	BFF9
A	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ
	BF0A	BF1A	BF2A	BF3A	BF4A	BF5A	BF6A	BF7A	BF8A	BF9A	BFAA	BFBAA	BFCAA	BFDA	BFEA	BFFA
B	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ
	BF0B	BF1B	BF2B	BF3B	BF4B	BF5B	BF6B	BF7B	BF8B	BF9B	BFAB	BFBAB	BFCB	BFDAB	BFEB	BFFB
C	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ
	BF0C	BF1C	BF2C	BF3C	BF4C	BF5C	BF6C	BF7C	BF8C	BF9C	BFAAC	BFBAC	BFCAC	BFDAC	BFEAC	BFFC
D	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ
	BF0D	BF1D	BF2D	BF3D	BF4D	BF5D	BF6D	BF7D	BF8D	BF9D	BFAAD	BFBAD	BFCAD	BFDAD	BFED	BFFD
E	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ
	BF0E	BF1E	BF2E	BF3E	BF4E	BF5E	BF6E	BF7E	BF8E	BF9E	BFAE	BFBCE	BFCCE	BFDCE	BFECE	BFFE
F	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ	ḁ
	BF0F	BF1F	BF2F	BF3F	BF4F	BF5F	BF6F	BF7F	BF8F	BF9F	BFAF	BFBF	BFCF	BFDCE	BFEF	BFFF

C000

## Hangul Syllables

C0FF

	C00	C01	C02	C03	C04	C05	C06	C07	C08	C09	C0A	C0B	C0C	C0D	C0E	C0F
0	ḁ	ḁꝫ														
1	ḁꝫ															
2	ḁꝫ															
3	ḁꝫ															
4	ḁꝫ															
5	ḁꝫ															
6	ḁꝫ															
7	ḁꝫ															
8	ḁꝫ															
9	ḁꝫ															
A	ḁꝫ															
B	ḁꝫ															
C	ḁꝫ															
D	ḁꝫ															
E	ḁꝫ															
F	ḁꝫ															

	C10	C11	C12	C13	C14	C15	C16	C17	C18	C19	C1A	C1B	C1C	C1D	C1E	C1F
0	새 C100	샘 C110	선 C120	섰 C130	셀 C140	섹 C150	섶 C160	셰 C170	셈 C180	손 C190	솟 C1A0	핥 C1B0	狎 C1C0	휑 C1D0	쇠 C1E0	쉼 C1F0
1	색 C101	샘 C111	션 C121	섰 C131	셀 C141	섹 C151	섶 C161	쉑 C171	헵 C181	솟 C191	송 C1A1	핥 C1B1	핥 C1C1	휑 C1D1	쇠 C1E1	쉼 C1F1
2	색 C102	샘 C112	션 C122	섰 C132	셀 C142	섹 C152	섶 C162	쉑 C172	헵 C182	솜 C192	솗 C1A2	솥 C1B2	솥 C1C2	휑 C1D2	쇠 C1E2	쉼 C1F2
3	셋 C103	샛 C113	선 C123	섰 C133	셀 C143	셍 C153	ԑԑ C163	쉑 C173	셋 C183	손 C193	솗 C1A3	솥 C1B3	솥 C1C3	휑 C1D3	쇠 C1E3	쉼 C1F3
4	샌 C104	샜 C114	설 C124	석 C134	셀 C144	셔 C154	셤 C164	센 C174	셌 C184	솔 C194	속 C1A4	솥 C1B4	솥 C1C4	휑 C1D4	쇠 C1E4	쉼 C1F4
5	샛 C105	생 C115	섞 C125	설 C135	셀 C145	썩 C155	접 C165	쉑 C175	쌩 C185	솔 C195	솥 C1A5	솥 C1B5	솥 C1C5	휑 C1D5	쇠 C1E5	쉼 C1F5
6	쌩 C106	샛 C116	쉼 C126	설 C136	셀 C146	섞 C156	접 C166	쉑 C176	쌩 C186	솜 C196	솥 C1A6	솥 C1B6	솥 C1C6	휑 C1D6	쇠 C1E6	쉼 C1F6
7	샌 C107	샛 C117	쉼 C127	설 C137	셀 C147	쌩 C157	쉿 C167	쉑 C177	샌 C187	솜 C197	솥 C1A7	솥 C1B7	솥 C1C7	휑 C1D7	쇠 C1E7	쉼 C1F7
8	샐 C108	색 C118	쉼 C128	세 C138	셀 C148	셍 C158	션 C168	쉑 C178	셀 C188	솜 C198	솥 C1A8	솥 C1B8	솥 C1C8	휑 C1D8	쇠 C1E8	쉼 C1F8
9	샘 C109	샘 C119	쉿 C129	섹 C139	셉 C149	쉿 C159	셩 C169	쉑 C179	샘 C189	솜 C199	솥 C1A9	솥 C1B9	솥 C1C9	휑 C1D9	쇠 C1E9	쉼 C1F9
A	샘 C10A	샘 C11A	쉿 C12A	섹 C13A	헵 C14A	쉿 C15A	쉿 C16A	쉑 C17A	샘 C18A	솜 C19A	솥 C1AA	솥 C1BA	솥 C1CA	휑 C1DA	쇠 C1EA	쉼 C1FA
B	샘 C10B	쌩 C11B	쉿 C12B	셋 C13B	셋 C14B	션 C15B	쉿 C16B	쉑 C17B	쌩 C18B	솜 C19B	솥 C1AB	솥 C1BB	솥 C1CB	휑 C1DB	쇠 C1EB	쉼 C1FB
C	샘 C10C	서 C11C	심 C12C	센 C13C	셋 C14C	션 C15C	쉿 C16C	쉑 C17C	샘 C18C	솜 C19C	솥 C1AC	솥 C1BC	솥 C1CC	휑 C1DC	쇠 C1EC	쉼 C1FC
D	샘 C10D	석 C11D	접 C12D	셋 C13D	셍 C14D	쉿 C15D	쉿 C16D	쉑 C17D	샘 C18D	솜 C19D	솥 C1AD	솥 C1BD	솥 C1CD	휑 C1DD	쇠 C1ED	쉼 C1FD
E	샘 C10E	섞 C11E	쉿 C12E	셋 C13E	셍 C14E	쉿 C15E	쉿 C16E	쉑 C17E	샘 C18E	솜 C19E	솥 C1AE	솥 C1BE	솥 C1CE	휑 C1DE	쇠 C1EE	쉼 C1FE
F	샘 C10F	쉿 C11F	쉿 C12F	셋 C13F	셋 C14F	쉿 C15F	쉿 C16F	쉑 C17F	샘 C18F	솜 C19F	솥 C1AF	솥 C1BF	솥 C1CF	휑 C1DF	쇠 C1EF	쉼 C1FF

	C20	C21	C22	C23	C24	C25	C26	C27	C28	C29	C2A	C2B	C2C	C2D	C2E	C2F
0	손	逡	술	속	쉼	쉐	（笑）	쇤	쇤	술	속	슭	식	쉼	신	심
	C200	C210	C220	C230	C240	C250	C260	C270	C280	C290	C2A0	C2B0	C2C0	C2D0	C2E0	C2F0
1	솜	송	숨	술	쉼	쉑	（笑）	쉿	쉿	솜	숨	슉	식	쉽	싣	싱
	C201	C211	C221	C231	C241	C251	C261	C271	C281	C291	C2A1	C2B1	C2C1	C2D1	C2E1	C2F1
2	송	솟	슉	술	쉼	쉑	（笑）	쉿	쉿	솜	슉	슉	쉬	쉽	싣	싱
	C202	C212	C222	C232	C242	C252	C262	C272	C282	C292	C2A2	C2B2	C2C2	C2D2	C2E2	C2F2
3	손	솟	슉	송	쉼	쉑	（笑）	쉿	쉿	솜	숑	슉	쉿	쉿	싣	싱
	C203	C213	C223	C233	C243	C253	C263	C273	C283	C293	C2A3	C2B3	C2C3	C2D3	C2E3	C2F3
4	솔	속	슭	쉬	쉼	쉔	（笑）	쥘	쥘	속	슉	스	슴	신	쉿	식
	C204	C214	C224	C234	C244	C254	C264	C274	C284	C294	C2A4	C2B4	C2C4	C2D4	C2E4	C2F4
5	속	솔	슉	슉	쉼	쉑	（笑）	쉿	쉿	속	슉	습	쉿	쉿	식	식
	C205	C215	C225	C235	C245	C255	C265	C275	C285	C295	C2A5	C2B5	C2C5	C2D5	C2E5	C2F5
6	쉼	솔	슉	슉	쉼	쉑	（笑）	쉿	쉿	솜	슉	슉	쉿	쉿	싣	싣
	C206	C216	C226	C236	C246	C256	C266	C276	C286	C296	C2A6	C2B6	C2C6	C2D6	C2E6	C2F6
7	슉	송	슉	쉿	쉿	쉔	（笑）	쉿	쉿	숑	슉	슉	신	쉿	쉿	싱
	C207	C217	C227	C237	C247	C257	C267	C277	C287	C297	C2A7	C2B7	C2C7	C2D7	C2E7	C2F7
8	슉	수	숨	쇤	쇤	셀	（笑）	쉿	쉿	슈	숨	슌	쉿	쉿	쉿	싸
	C208	C218	C228	C238	C248	C258	C268	C278	C288	C298	C2A8	C2B8	C2C8	C2D8	C2E8	C2F8
9	슉	슉	슉	쉿	쉿	솅	（笑）	쉿	쉿	슉	슉	슝	쉿	쉿	쉿	싹
	C209	C219	C229	C239	C249	C259	C269	C279	C289	C299	C2A9	C2B9	C2C9	C2D9	C2E9	C2F9
A	슉	슉	슉	쉿	쉿	쉿	（笑）	쉿	쉿	슉	슉	슉	쉿	쉿	쉿	싹
	C20A	C21A	C22A	C23A	C24A	C25A	C26A	C27A	C28A	C29A	C2AA	C2BA	C2CA	C2DA	C2EA	C2FA
B	슉	슉	슉	쉿	쉿	쉿	（笑）	쉿	쉿	슉	슉	슉	쉿	쉿	쉿	싹
	C20B	C21B	C22B	C23B	C24B	C25B	C26B	C27B	C28B	C29B	C2AB	C2BB	C2CB	C2DB	C2EB	C2FB
C	숀	순	슌	┉	┉	┉	┉	┉	┉	┉	┉	┉	┉	┉	┉	┉
	C20C	C21C	C22C	C23C	C24C	C25C	C26C	C27C	C28C	C29C	C2AC	C2BC	C2CC	C2DC	C2EC	C2FC
D	┉	┉	┉	┉	┉	┉	┉	┉	┉	┉	┉	┉	┉	┉	┉	┉
	C20D	C21D	C22D	C23D	C24D	C25D	C26D	C27D	C28D	C29D	C2AD	C2BD	C2CD	C2DD	C2ED	C2FD
E	┉	┉	┉	┉	┉	┉	┉	┉	┉	┉	┉	┉	┉	┉	┉	┉
	C20E	C21E	C22E	C23E	C24E	C25E	C26E	C27E	C28E	C29E	C2AE	C2BE	C2CE	C2DE	C2EE	C2FE
F	┉	┉	┉	┉	┉	┉	┉	┉	┉	┉	┉	┉	┉	┉	┉	┉
	C20F	C21F	C22F	C23F	C24F	C25F	C26F	C27F	C28F	C29F	C2AF	C2BF	C2CF	C2DF	C2EF	C2FF

C300

## Hangul Syllables

C3FF

	C30	C31	C32	C33	C34	C35	C36	C37	C38	C39	C3A	C3B	C3C	C3D	C3E	C3F
0	쌀	싹	싹	싹	싹	싹	싹	싹	싹	싹	싹	싹	싹	싹	싹	싹
	C300	C310	C320	C330	C340	C350	C360	C370	C380	C390	C3A0	C3B0	C3C0	C3D0	C3E0	C3F0
1	싹	싹	싹	싹	싹	싹	싹	싹	싹	싹	싹	싹	싹	싹	싹	싹
	C301	C311	C321	C331	C341	C351	C361	C371	C381	C391	C3A1	C3B1	C3C1	C3D1	C3E1	C3F1
2	싹	싹	싹	싹	싹	싹	싹	싹	싹	싹	싹	싹	싹	싹	싹	싹
	C302	C312	C322	C332	C342	C352	C362	C372	C382	C392	C3A2	C3B2	C3C2	C3D2	C3E2	C3F2
3	싹	싹	싹	싹	싹	싹	싹	싹	싹	싹	싹	싹	싹	싹	싹	싹
	C303	C313	C323	C333	C343	C353	C363	C373	C383	C393	C3A3	C3B3	C3C3	C3D3	C3E3	C3F3
4	싹	싹	싹	싹	싹	싹	싹	싹	싹	싹	싹	싹	싹	싹	싹	싹
	C304	C314	C324	C334	C344	C354	C364	C374	C384	C394	C3A4	C3B4	C3C4	C3D4	C3E4	C3F4
5	싹	싹	싹	싹	싹	싹	싹	싹	싹	싹	싹	싹	싹	싹	싹	싹
	C305	C315	C325	C335	C345	C355	C365	C375	C385	C395	C3A5	C3B5	C3C5	C3D5	C3E5	C3F5
6	싹	싹	싹	싹	싹	싹	싹	싹	싹	싹	싹	싹	싹	싹	싹	싹
	C306	C316	C326	C336	C346	C356	C366	C376	C386	C396	C3A6	C3B6	C3C6	C3D6	C3E6	C3F6
7	싹	싹	싹	싹	싹	싹	싹	싹	싹	싹	싹	싹	싹	싹	싹	싹
	C307	C317	C327	C337	C347	C357	C367	C377	C387	C397	C3A7	C3B7	C3C7	C3D7	C3E7	C3F7
8	싹	싹	싹	싹	싹	싹	싹	싹	싹	싹	싹	싹	싹	싹	싹	싹
	C308	C318	C328	C338	C348	C358	C368	C378	C388	C398	C3A8	C3B8	C3C8	C3D8	C3E8	C3F8
9	싹	싹	싹	싹	싹	싹	싹	싹	싹	싹	싹	싹	싹	싹	싹	싹
	C309	C319	C329	C339	C349	C359	C369	C379	C389	C399	C3A9	C3B9	C3C9	C3D9	C3E9	C3F9
A	싹	싹	싹	싹	싹	싹	싹	싹	싹	싹	싹	싹	싹	싹	싹	싹
	C30A	C31A	C32A	C33A	C34A	C35A	C36A	C37A	C38A	C39A	C3AA	C3BA	C3CA	C3DA	C3EA	C3FA
B	싹	싹	싹	싹	싹	싹	싹	싹	싹	싹	싹	싹	싹	싹	싹	싹
	C30B	C31B	C32B	C33B	C34B	C35B	C36B	C37B	C38B	C39B	C3AB	C3BB	C3CB	C3DB	C3EB	C3FB
C	싹	싹	싹	싹	싹	싹	싹	싹	싹	싹	싹	싹	싹	싹	싹	싹
	C30C	C31C	C32C	C33C	C34C	C35C	C36C	C37C	C38C	C39C	C3AC	C3BC	C3CC	C3DC	C3EC	C3FC
D	싹	싹	싹	싹	싹	싹	싹	싹	싹	싹	싹	싹	싹	싹	싹	싹
	C30D	C31D	C32D	C33D	C34D	C35D	C36D	C37D	C38D	C39D	C3AD	C3BD	C3CD	C3DD	C3ED	C3FD
E	싹	싹	싹	싹	싹	싹	싹	싹	싹	싹	싹	싹	싹	싹	싹	싹
	C30E	C31E	C32E	C33E	C34E	C35E	C36E	C37E	C38E	C39E	C3AE	C3BE	C3CE	C3DE	C3EE	C3FE
F	싹	싹	싹	싹	싹	싹	싹	싹	싹	싹	싹	싹	싹	싹	싹	싹
	C30F	C31F	C32F	C33F	C34F	C35F	C36F	C37F	C38F	C39F	C3AF	C3BF	C3CF	C3DF	C3EF	C3FF

	C40	C41	C42	C43	C44	C45	C46	C47	C48	C49	C4A	C4B	C4C	C4D	C4E	C4F
0	뀈	뀉	뀊	뀋	뀌	뀍	뀎	뀏	뀐	뀑	뀒	뀓	뀔	뀕	뀖	뀗
	C400	C410	C420	C430	C440	C450	C460	C470	C480	C490	C4A0	C4B0	C4C0	C4D0	C4E0	C4F0
1	뀈	뀉	뀊	뀋	뀌	뀍	뀎	뀏	뀐	뀑	뀒	뀓	뀔	뀕	뀖	뀗
	C401	C411	C421	C431	C441	C451	C461	C471	C481	C491	C4A1	C4B1	C4C1	C4D1	C4E1	C4F1
2	뀈	뀉	뀊	뀋	뀌	뀍	뀎	뀏	뀐	뀑	뀒	뀓	뀔	뀕	뀖	뀗
	C402	C412	C422	C432	C442	C452	C462	C472	C482	C492	C4A2	C4B2	C4C2	C4D2	C4E2	C4F2
3	뀈	뀉	뀊	뀋	뀌	뀍	뀎	뀏	뀐	뀑	뀒	뀓	뀔	뀕	뀖	뀗
	C403	C413	C423	C433	C443	C453	C463	C473	C483	C493	C4A3	C4B3	C4C3	C4D3	C4E3	C4F3
4	뀈	뀉	뀊	뀋	뀌	뀍	뀎	뀏	뀐	뀑	뀒	뀓	뀔	뀕	뀖	뀗
	C404	C414	C424	C434	C444	C454	C464	C474	C484	C494	C4A4	C4B4	C4C4	C4D4	C4E4	C4F4
5	뀈	뀉	뀊	뀋	뀌	뀍	뀎	뀏	뀐	뀑	뀒	뀓	뀔	뀕	뀖	뀗
	C405	C415	C425	C435	C445	C455	C465	C475	C485	C495	C4A5	C4B5	C4C5	C4D5	C4E5	C4F5
6	뀈	뀉	뀊	뀋	뀌	뀍	뀎	뀏	뀐	뀑	뀒	뀓	뀔	뀕	뀖	뀗
	C406	C416	C426	C436	C446	C456	C466	C476	C486	C496	C4A6	C4B6	C4C6	C4D6	C4E6	C4F6
7	뀈	뀉	뀊	뀋	뀌	뀍	뀎	뀏	뀐	뀑	뀒	뀓	뀔	뀕	뀖	뀗
	C407	C417	C427	C437	C447	C457	C467	C477	C487	C497	C4A7	C4B7	C4C7	C4D7	C4E7	C4F7
8	뀈	뀉	뀊	뀋	뀌	뀍	뀎	뀏	뀐	뀑	뀒	뀓	뀔	뀕	뀖	뀗
	C408	C418	C428	C438	C448	C458	C468	C478	C488	C498	C4A8	C4B8	C4C8	C4D8	C4E8	C4F8
9	뀈	뀉	뀊	뀋	뀌	뀍	뀎	뀏	뀐	뀑	뀒	뀓	뀔	뀕	뀖	뀗
	C409	C419	C429	C439	C449	C459	C469	C479	C489	C499	C4A9	C4B9	C4C9	C4D9	C4E9	C4F9
A	뀈	뀉	뀊	뀋	뀌	뀍	뀎	뀏	뀐	뀑	뀒	뀓	뀔	뀕	뀖	뀗
	C40A	C41A	C42A	C43A	C44A	C45A	C46A	C47A	C48A	C49A	C4AA	C4BA	C4CA	C4DA	C4EA	C4FA
B	뀈	뀉	뀊	뀋	뀌	뀍	뀎	뀏	뀐	뀑	뀒	뀓	뀔	뀕	뀖	뀗
	C40B	C41B	C42B	C43B	C44B	C45B	C46B	C47B	C48B	C49B	C4AB	C4BB	C4CB	C4DB	C4EB	C4FB
C	뀈	뀉	뀊	뀋	뀌	뀍	뀎	뀏	뀐	뀑	뀒	뀓	뀔	뀕	뀖	뀗
	C40C	C41C	C42C	C43C	C44C	C45C	C46C	C47C	C48C	C49C	C4AC	C4BC	C4CC	C4DC	C4EC	C4FC
D	뀈	뀉	뀊	뀋	뀌	뀍	뀎	뀏	뀐	뀑	뀒	뀓	뀔	뀕	뀖	뀗
	C40D	C41D	C42D	C43D	C44D	C45D	C46D	C47D	C48D	C49D	C4AD	C4BD	C4CD	C4DD	C4ED	C4FD
E	뀈	뀉	뀊	뀋	뀌	뀍	뀎	뀏	뀐	뀑	뀒	뀓	뀔	뀕	뀖	뀗
	C40E	C41E	C42E	C43E	C44E	C45E	C46E	C47E	C48E	C49E	C4AE	C4BE	C4CE	C4DE	C4EE	C4FE
F	뀈	뀉	뀊	뀋	뀌	뀍	뀎	뀏	뀐	뀑	뀒	뀓	뀔	뀕	뀖	뀗
	C40F	C41F	C42F	C43F	C44F	C45F	C46F	C47F	C48F	C49F	C4AF	C4BF	C4CF	C4DF	C4EF	C4FF

	C50	C51	C52	C53	C54	C55	C56	C57	C58	C59	C5A	C5B	C5C	C5D	C5E	C5F
0	씀 C500	씬 C510	썼 C520	씰 C530	씩 C540	앓 C550	애 C560	앰 C570	얀 C580	았 C590	앨 C5A0	액 C5B0	없 C5C0	에 C5D0	엠 C5E0	연 C5F0
1	씁 C501	썼 C511	甥 C521	씰 C531	씰 C541	앓 C551	액 C561	앰 C571	앓 C581	양 C591	액 C5A1	ኤ C5B1	ኤ C5C1	엑 C5D1	엡 C5E1	였 C5F1
2	씁 C502	甥 C512	甥 C522	씰 C532	씰 C542	앓 C552	액 C562	앰 C572	앓 C582	얏 C592	앰 C5A2	ኤ C5B2	ኤ C5C2	엑 C5D2	엡 C5E2	였 C5F2
3	쯧 C503	씬 C513	씻 C523	씰 C533	씰 C543	앓 C553	액 C563	앰 C573	얀 C583	얏 C593	앰 C5A3	ኤ C5B3	ኤ C5C3	엡 C5D3	엡 C5E3	연 C5F3
4	啐 C504	씰 C514	씰 C524	씰 C534	아 C544	암 C554	앤 C564	ਐ C574	얄 C584	약 C594	ኤ C5A4	어 C5B4	엄 C5C4	엔 C5D4	엡 C5E4	열 C5F4
5	쏭 C505	씹 C515	씰 C525	씰 C535	악 C545	압 C555	ኤ C565	앵 C575	狎 C585	얕 C595	ኤ C5A5	억 C5B5	업 C5C5	엣 C5D5	엥 C5E5	엮 C5F5
6	啐 C506	씰 C516	씰 C526	씰 C536	위 C546	앓 C556	얧 C566	앳 C576	앓 C586	앞 C596	ኤ C5A6	위 C5B6	없 C5C6	엔 C5D6	엣 C5E6	엮 C5F6
7	啐 C507	씰 C517	씰 C527	씰 C537	앓 C547	았 C557	앤 C567	앳 C577	앓 C587	얗 C597	ኤ C5A7	얧 C5B7	엇 C5C7	엔 C5D7	엣 C5E7	엮 C5F7
8	啐 C508	씹 C518	씨 C528	씸 C538	안 C548	았 C558	앨 C568	액 C578	앓 C588	애 C598	앰 C5A8	얌 C5B8	언 C5C8	었 C5D8	엑 C5E8	엮 C5F8
9	쓸 C509	씰 C519	씰 C529	씰 C539	앓 C549	앙 C559	액 C569	ኤ C579	앓 C589	액 C599	ኤ C5A9	엡 C5B9	었 C5C9	엡 C5D9	엡 C5E9	엮 C5F9
A	啐 C50A	씰 C51A	씰 C52A	씰 C53A	앓 C54A	얧 C55A	앰 C56A	ኤ C57A	狎 C58A	액 C59A	ኤ C5A0	액 C5B0	얹 C5C0	엡 C5D0	엡 C5E0	엮 C5F0
B	쏭 C50B	씰 C51B	씰 C52B	씰 C53B	안 C54B	았 C55B	액 C56B	앵 C57B	狎 C58B	액 C59B	ኤ C5A0	앳 C5B0	엇 C5C0	엡 C5D0	엡 C5E0	엮 C5F0
C	씻 C50C	씸 C51C	씬 C52C	씻 C53C	알 C54C	악 C55C	ኤ C56C	湲 C57C	狎 C58C	얌 C59C	ኤ C5A0	湲 C5B0	얼 C5C0	엡 C5D0	엡 C5E0	엮 C5F0
D	씻 C50D	씹 C51D	甥 C52D	甥 C53D	앓 C54D	앓 C55D	액 C56D	湲 C57D	狎 C58D	약 C59D	ኤ C5A0	湲 C5B0	얼 C5C0	엡 C5D0	엡 C5E0	엮 C5F0
E	씻 C50E	씹 C51E	甥 C52E	甥 C53E	앓 C54E	앓 C55E	액 C56E	湲 C57E	狎 C58E	약 C59E	ኤ C5A0	湲 C5B0	얼 C5C0	엡 C5D0	엡 C5E0	엮 C5F0
F	甥 C50F	甥 C51F	甥 C52F	甥 C53F	앓 C54F	앓 C55F	액 C56F	湲 C57F	狎 C58F	약 C59F	ኤ C5A0	湲 C5B0	얼 C5C0	엡 C5D0	엡 C5E0	엮 C5F0

C60	C61	C62	C63	C64	C65	C66	C67	C68	C69	C6A	C6B	C6C	C6D	C6E	C6F
영	옌	예	옳	와	왑	왠	했	월	욕	우	움	원	웠	웰	웰
영	옌	옌	옳	왁	왑	왔	왕	웡	웡	욱	웁	웠	웡	웡	웡
엿	옙	예	올	왁	왑	왔	왔	웡	웡	웁	웁	웡	웡	웡	웡
엿	옙	예	올	왁	왑	왔	왔	웡	웡	웁	웁	웡	웡	웡	웡
엿	옙	예	옳	왁	왑	왔	왔	웡	웡	웁	웁	웡	웡	웡	웡
역	옌	오	옴	완	왔	웰	왁	욕	요	옴	운	운	월	웩	웩
역	옌	오	옴	완	왔	웰	왁	욕	요	옴	운	운	월	웩	웩
열	옌	옥	옵	왓	왕	웩	웩	웡	욕	옵	웁	웅	웡	웡	웡
열	옌	옥	옵	왓	왕	웩	웩	웡	웡	웁	웁	웡	웡	웡	웡
열	옌	유	웁	앓	왓	왔	왔	웡	유	웁	웁	웁	웡	웡	웡
열	옌	유	웁	앓	왓	왔	왔	웡	웡	웁	웁	웡	웡	웡	웡
영	옌	웃	웃	완	왓	왔	웡	웡	욧	운	운	운	웡	웡	웡
영	옌	웃	웃	완	왓	왔	웡	웡	욧	운	운	운	웡	웡	웡
예	엠	온	읏	왈	왁	왔	외	윔	운	읏	울	욱	윕	웨	웸
예	엠	온	읏	왈	왁	왔	외	윔	운	읏	울	욱	윕	웨	웸
엑	엡	웃	옹	왁	왈	왔	외	윕	용	웁	웁	웁	윕	웩	웩
엑	엡	웃	옹	왁	왈	왔	외	윕	용	웁	웁	웁	윕	웩	웩
엑	엡	웃	웃	앎	왈	왔	외	윕	웡	웃	웁	웁	윕	웩	웩
엑	엡	웃	웃	앎	왈	왔	외	윕	웡	웃	웁	웁	윕	웩	웩
옛	옛	온	웃	핥	왕	왔	윗	윗	욘	웃	웁	웁	웡	웽	웽
옛	옛	온	웃	핥	왕	왔	윗	윗	욘	웃	웁	웁	웡	웽	웽
옌	옌	올	옥	왓	왜	왔	완	윗	올	욕	웁	워	웜	웽	웽
옌	옌	올	옥	왓	왜	왔	완	윗	올	욕	웁	워	웜	웽	웽
옌	옌	웁	웁	왈	왁	왔	윗	웡	웁	웁	웁	웡	웽	웽	웽
옌	옌	웁	웁	왈	왁	왔	윗	웡	웁	웁	웁	웡	웽	웽	웽
옌	옌	웁	웁	왈	왁	왔	윗	웡	웁	요	웁	워	웽	웽	웽
옌	옌	웁	웁	왈	왁	왔	윗	웡	웁	요	웁	워	웽	웽	웽

	C70	C71	C72	C73	C74	C75	C76	C77	C78	C79	C7A	C7B	C7C	C7D	C7E	C7F
0	웩	웠	유	움	은	을	월	월	없	자	잠	잰	겠	잘	狎	짢
1	웰	월	육	읍	을	웅	의	월	잎	작	잡	겠	쟁	狎	狎	짢
2	웰	월	육	읍	을	웅	의	월	잎	작	狎	겠	쟁	狎	狎	짢
3	웽	웡	육	웃	은	웃	의	웡	잉	잤	잣	잰	잿	狎	狎	狎
4	위	임	윤	육	을	윽	윕	이	임	잔	잤	잴	잭	狎	재	잽
5	윅	윕	육	융	을	읊	의	입	잖	장	잽	잽	잭	狎	잽	잽
6	위	윕	융	웃	읊	읊	월	위	없	잦	잦	잽	狎	狎	狎	狎
7	윗	윗	윤	웃	읊	웅	의	윗	잇	잔	잦	잽	쟁	狎	狎	狎
8	원	웠	율	육	읊	의	임	인	있	잘	狎	잽	쟈	狎	잰	잽
9	윕	윙	육	율	읊	의	입	있	잉	狎	狎	狎	狎	狎	狎	狎
A	웡	윗	윕	윰	읊	의	윕	잇	잇	狎	狎	狎	狎	狎	狎	狎
B	원	윗	윕	웅	읊	의	위	인	잇	狎	狎	狎	狎	狎	狎	狎
C	월	웩	윕	으	음	윈	있	일	익	狎	재	잼	잔	잤	잴	잭
D	웩	월	웁	으	읍	잎	잉	읽	일	狎	잭	잽	狎	狎	狎	잽
E	윕	월	웁	으	읍	잎	잉	잎	잎	狎	狎	잽	狎	狎	狎	狎
F	윕	웡	웁	으	웃	원	잊	윕	잉	狎	狎	잽	狎	狎	狎	狎

	C80	C81	C82	C83	C84	C85	C86	C87	C88	C89	C8A	C8B	C8C	C8D	C8E	C8F
0	저	점	젠	졌	절	적	졌	조	좀	촨	줬	잴	꽥	탉	죠	좀
	C800	C810	C820	C830	C840	C850	C860	C870	C880	C890	C8A0	C8B0	C8C0	C8D0	C8E0	C8F0
1	적	접	谮	쟁	젊	곁	깰	족	좁	잦	좡	깰	깰	짊	족	좁
	C801	C811	C821	C831	C841	C851	C861	C871	C881	C891	C8A1	C8B1	C8C1	C8D1	C8E1	C8F1
2	꺾	접	谮	잿	젊	곁	깰	족	좁	닳	잦	깰	깰	찧	족	닳
	C802	C812	C822	C832	C842	C852	C862	C872	C882	C892	C8A2	C8B2	C8C2	C8D2	C8E2	C8F2
3	졌	젓	젱	잿	젊	겋	깰	좆	좇	챤	쫓	깰	쫓	쫓	좇	좇
	C803	C813	C823	C833	C843	C853	C863	C873	C883	C893	C8A3	C8B3	C8C3	C8D3	C8E3	C8F3
4	전	졌	젤	잭	젊	제	젬	존	좇	좔	쫙	깰	죄	쩜	죤	좇
	C804	C814	C824	C834	C844	C854	C864	C874	C884	C894	C8A4	C8B4	C8C4	C8D4	C8E4	C8F4
5	겼	정	嫉	嫉	젊	젝	펩	좆	종	옭	좔	嫉	죄	핍	좆	종
	C805	C815	C825	C835	C845	C855	C865	C875	C885	C895	C8A5	C8B5	C8C5	C8D5	C8E5	C8F5
6	쫑	젖	嫉	嫉	젊	젝	펩	좆	쫑	옭	嫉	嫉	핍	쫑	쫑	쫑
	C806	C816	C826	C836	C846	C856	C866	C876	C886	C896	C8A6	C8B6	C8C6	C8D6	C8E6	C8F6
7	전	젖	嫉	嫉	젊	嫉	嫉	존	좇	옭	쫑	嫉	嫉	핍	죤	좇
	C807	C817	C827	C837	C847	C857	C867	C877	C887	C897	C8A7	C8B7	C8C7	C8D7	C8E7	C8F7
8	절	적	嫉	져	점	젱	嫉	졸	족	옭	좨	ｉ	ｉ	ｉ	ｉ	ｉ
	C808	C818	C828	C838	C848	C858	C868	C878	C888	C898	C8A8	C8B8	C8C8	C8D8	C8E8	C8F8
9	짊	짙	嫉	적	접	嫉	셍	좆	좆	짊	ｉ	ｉ	ｉ	ｉ	ｉ	ｉ
	C809	C819	C829	C839	C849	C859	C869	C879	C889	C899	C8A9	C8B9	C8C9	C8D9	C8E9	C8F9
A	짚	짚	嫉	적	접	嫉	쌩	좆	좆	짚	ｉ	ｉ	ｉ	ｉ	ｉ	ｉ
	C80A	C81A	C82A	C83A	C84A	C85A	C86A	C87A	C88A	C89A	C8AA	C8BA	C8CA	C8DA	C8EA	C8FA
B	짊	정	嫉	嫉	嫉	정	젱	좆	쫑	ｉ	ｉ	ｉ	ｉ	ｉ	ｉ	ｉ
	C80B	C81B	C82B	C83B	C84B	C85B	C86B	C87B	C88B	C89B	C8AB	C8BB	C8CB	C8DB	C8EB	C8FB
C	짚	제	젬	전	겼	젱	ｉ	좆	ｉ	ｉ	ｉ	ｉ	ｉ	ｉ	ｉ	ｉ
	C80C	C81C	C82C	C83C	C84C	C85C	C86C	C87C	C88C	C89C	C8AC	C8BC	C8CC	C8DC	C8EC	C8FC
D	짊	젝	펩	겼	정	ｉ	ｉ	ｉ	ｉ	ｉ	ｉ	ｉ	ｉ	ｉ	ｉ	ｉ
	C80D	C81D	C82D	C83D	C84D	C85D	C86D	C87D	C88D	C89D	C8AD	C8BD	C8CD	C8DD	C8ED	C8FD
E	짊	젝	펩	대통	겼	ｉ	ｉ	ｉ	ｉ	ｉ	ｉ	ｉ	ｉ	ｉ	ｉ	ｉ
	C80E	C81E	C82E	C83E	C84E	C85E	C86E	C87E	C88E	C89E	C8AE	C8BE	C8CE	C8DE	C8EE	C8FE
F	짊	겠	젱	대통	겼	ｉ	ｉ	ｉ	ｉ	ｉ	ｉ	ｉ	ｉ	ｉ	ｉ	ｉ
	C80F	C81F	C82F	C83F	C84F	C85F	C86F	C87F	C88F	C89F	C8AF	C8BF	C8CF	C8DF	C8EF	C8FF

	C90	C91	C92	C93	C94	C95	C96	C97	C98	C99	C9A	C9B	C9C	C9D	C9E	C9F
0	준 C900	좇 C910	쥘 C920	족 C930	훼 C940	쥐 C950	쩜 C960	준 C970	좇 C980	즐 C990	즉 C9A0	훼 C9B0	지 C9C0	짐 C9D0	짠 C9E0	짰 C9F0
1	좇 C901	중 C911	짊 C921	쥘 C931	훼 C941	죽 C951	찝 C961	좇 C971	증 C981	즖 C991	즐 C9A1	훼 C9B1	직 C9C1	집 C9D1	짰 C9E1	짱 C9F1
2	좇 C902	좇 C912	짊 C922	쥘 C932	훼 C942	쥐 C952	찝 C962	좇 C972	좇 C982	즖 C992	즖 C9A2	훼 C9B2	쥐 C9C2	찝 C9D2	짢 C9E2	짯 C9F2
3	준 C903	좇 C913	짊 C923	쥘 C933	훼 C943	쥐 C953	죗 C963	준 C973	좇 C983	즖 C993	증 C9A3	짊 C9B3	진 C9C3	짓 C9D3	짠 C9E3	짯 C9F3
4	줄 C904	죽 C914	짚 C924	쭤 C934	揶 C944	쥔 C954	짚 C964	줄 C974	죽 C984	즖 C994	직 C9A4	짐 C9B4	진 C9C4	짓 C9D4	짤 C9E4	쫙 C9F4
5	좇 C905	줄 C915	짊 C925	舛 C935	휩 C945	짚 C955	졍 C965	좇 C975	줄 C985	즖 C995	직 C9A5	집 C9B5	진 C9C5	징 C9D5	狎 C9E5	짤 C9F5
6	좇 C906	좇 C916	짊 C926	舛 C936	휩 C946	죵 C956	짖 C966	좇 C976	좇 C986	즖 C996	취 C9A6	핍 C9B6	진 C9C6	짖 C9D6	狎 C9E6	짬 C9F6
7	좇 C907	종 C917	짊 C927	舛 C937	휩 C947	찐 C957	짖 C967	좇 C977	좇 C987	즖 C997	취 C9A7	핍 C9B7	진 C9C7	짖 C9D7	狎 C9E7	짱 C9F7
8	좇 C908	쥐 C918	쩜 C928	짼 C938	훼 C948	훅 C958	족 C968	좇 C978	즈 C988	즖 C998	진 C9A8	찝 C9B8	질 C9C8	직 C9D8	狎 C9E8	째 C9F8
9	좇 C909	죽 C919	찝 C929	훅 C939	휑 C949	옭 C959	쥘 C969	좇 C979	좇 C989	즖 C999	웁 C9A9	핍 C9B9	짙 C9C9	짙 C9D9	狎 C9E9	쨍 C9F9
A	좇 C90A	쥐 C91A	짊 C92A	훅 C93A	훼 C94A	훅 C95A	좇 C96A	좇 C97A	즖 C98A	즖 C99A	핍 C9BAA	핍 C9BA	짙 C9CA	짙 C9DA	狎 C9EA	쨍 C9FA
B	좇 C90B	좇 C91B	짊 C92B	舛 C93B	훼 C94B	짊 C95B	좇 C96B	좇 C97B	좇 C98B	좇 C99B	짙 C9ABA	짙 C9BB	짙 C9CB	짙 C9DB	狎 C9EB	쨍 C9FB
C	좇 C90C	쥔 C91C	짖 C92C	훅 C93C	훼 C94C	훼 C95C	좇 C96C	캬 C97C	즖 C98C	즖 C99C	짙 C9AC	짙 C9BC	짙 C9CC	짙 C9DC	狎 C9EC	쨍 C9FC
D	좇 C90D	좇 C91D	짊 C92D	훅 C93D	훼 C94D	훼 C95D	좇 C96D	죽 C97D	좁 C98D	좇 C99D	짙 C9AD	짙 C9BD	짙 C9CD	짙 C9DD	狎 C9ED	쨍 C9FD
E	좇 C90E	좇 C91E	짊 C92E	훅 C93E	훼 C94E	훼 C95E	좇 C96E	캬 C97E	좇 C98E	좇 C99E	짙 C9AE	짙 C9BE	짙 C9CE	짙 C9DE	狎 C9EE	쨍 C9FE
F	좇 C90F	쥔 C91F	짖 C92F	훅 C93F	훼 C94F	훼 C95F	좇 C96F	좇 C97F	좇 C98F	좇 C99F	짙 C9AF	짙 C9BF	짙 C9CF	짙 C9DF	狎 C9EF	쨍 C9FF

	CA0	CA1	CA2	CA3	CA4	CA5	CA6	CA7	CA8	CA9	CAA	CAB	CAC	CAD	CAE	CAF
0	깰	깰	깰	깰	깰	깰	깰	깰	깰	깰	깰	깰				
	CA00	CA10	CA20	CA30	CA40	CA50	CA60	CA70	CA80	CA90	CAA0	CAB0	CAC0	CAD0	CAE0	CAF0
1	깰	깰	깰	깰	깰	깰	깰	깰	깰	깰	깰	깰				
	CA01	CA11	CA21	CA31	CA41	CA51	CA61	CA71	CA81	CA91	CAA1	CAB1	CAC1	CAD1	CAE1	CAF1
2	깰	깰	깰	깰	깰	깰	깰	깰	깰	깰	깰	깰				
	CA02	CA12	CA22	CA32	CA42	CA52	CA62	CA72	CA82	CA92	CAA2	CAB2	CAC2	CAD2	CAE2	CAF2
3	깰	깰	깰	깰	깰	깰	깰	깰	깰	깰	깰	깰				
	CA03	CA13	CA23	CA33	CA43	CA53	CA63	CA73	CA83	CA93	CAA3	CAB3	CAC3	CAD3	CAE3	CAF3
4	깰	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ
	CA04	CA14	CA24	CA34	CA44	CA54	CA64	CA74	CA84	CA94	CAA4	CAB4	CAC4	CAD4	CAE4	CAF4
5	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ
	CA05	CA15	CA25	CA35	CA45	CA55	CA65	CA75	CA85	CA95	CAA5	CAB5	CAC5	CAD5	CAE5	CAF5
6	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ
	CA06	CA16	CA26	CA36	CA46	CA56	CA66	CA76	CA86	CA96	CAA6	CAB6	CAC6	CAD6	CAE6	CAF6
7	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ
	CA07	CA17	CA27	CA37	CA47	CA57	CA67	CA77	CA87	CA97	CAA7	CAB7	CAC7	CAD7	CAE7	CAF7
8	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ
	CA08	CA18	CA28	CA38	CA48	CA58	CA68	CA78	CA88	CA98	CAA8	CAB8	CAC8	CAD8	CAE8	CAF8
9	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ
	CA09	CA19	CA29	CA39	CA49	CA59	CA69	CA79	CA89	CA99	CAA9	CAB9	CAC9	CAD9	CAE9	CAF9
A	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ
	CA0A	CA1A	CA2A	CA3A	CA4A	CA5A	CA6A	CA7A	CA8A	CA9A	CAA	CABA	CACA	CADA	CAEA	CAFA
B	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ
	CA0B	CA1B	CA2B	CA3B	CA4B	CA5B	CA6B	CA7B	CA8B	CA9B	CAA	CABB	CACB	CADB	CAEB	CAF
C	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ
	CA0C	CA1C	CA2C	CA3C	CA4C	CA5C	CA6C	CA7C	CA8C	CA9C	CAA	CABC	CACC	CADC	CAEC	CAF
D	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ
	CA0D	CA1D	CA2D	CA3D	CA4D	CA5D	CA6D	CA7D	CA8D	CA9D	CAA	CABD	CACD	CADD	CAED	CAF
E	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ
	CA0E	CA1E	CA2E	CA3E	CA4E	CA5E	CA6E	CA7E	CA8E	CA9E	CAA	CABE	CACE	CADE	CAEE	CAF
F	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ	ࡏ
	CA0F	CA1F	CA2F	CA3F	CA4F	CA5F	CA6F	CA7F	CA8F	CA9F	CAA	CABF	CACF	CADF	CAEF	CAF

	CB0	CB1	CB2	CB3	CB4	CB5	CB6	CB7	CB8	CB9	CBA	CBB	CBC	CBD	CBE	CBF
0	깃	깄	깅	깃	깃	깃	깃	깃	깃	깃	깃	깃	깃	깃	깃	깃
	CB00	CB10	CB20	CB30	CB40	CB50	CB60	CB70	CB80	CB90	CBA0	CBB0	CBC0	CBD0	CBE0	CBF0
1	깃	깄	깅	깃	깃	깃	깃	깃	깃	깃	깃	깃	깃	깃	깃	깃
	CB01	CB11	CB21	CB31	CB41	CB51	CB61	CB71	CB81	CB91	CBA1	CBB1	CBC1	CBD1	CBE1	CBF1
2	깃	깄	깅	깃	깃	깃	깃	깃	깃	깃	깃	깃	깃	깃	깃	깃
	CB02	CB12	CB22	CB32	CB42	CB52	CB62	CB72	CB82	CB92	CBA2	CBB2	CBC2	CBD2	CBE2	CBF2
3	깃	깄	깅	깃	깃	깃	깃	깃	깃	깃	깃	깃	깃	깃	깃	깃
	CB03	CB13	CB23	CB33	CB43	CB53	CB63	CB73	CB83	CB93	CBA3	CBB3	CBC3	CBD3	CBE3	CBF3
4	깃	깄	깅	깃	깃	깃	깃	깃	깃	깃	깃	깃	깃	깃	깃	깃
	CB04	CB14	CB24	CB34	CB44	CB54	CB64	CB74	CB84	CB94	CBA4	CBB4	CBC4	CBD4	CBE4	CBF4
5	깃	깄	깅	깃	깃	깃	깃	깃	깃	깃	깃	깃	깃	깃	깃	깃
	CB05	CB15	CB25	CB35	CB45	CB55	CB65	CB75	CB85	CB95	CBA5	CBB5	CBC5	CBD5	CBE5	CBF5
6	깃	깄	깅	깃	깃	깃	깃	깃	깃	깃	깃	깃	깃	깃	깃	깃
	CB06	CB16	CB26	CB36	CB46	CB56	CB66	CB76	CB86	CB96	CBA6	CBB6	CBC6	CBD6	CBE6	CBF6
7	깃	깄	깅	깃	깃	깃	깃	깃	깃	깃	깃	깃	깃	깃	깃	깃
	CB07	CB17	CB27	CB37	CB47	CB57	CB67	CB77	CB87	CB97	CBA7	CBB7	CBC7	CBD7	CBE7	CBF7
8	깃	깄	깅	깃	깃	깃	깃	깃	깃	깃	깃	깃	깃	깃	깃	깃
	CB08	CB18	CB28	CB38	CB48	CB58	CB68	CB78	CB88	CB98	CBA8	CBB8	CBC8	CBD8	CBE8	CBF8
9	깃	깄	깅	깃	깃	깃	깃	깃	깃	깃	깃	깃	깃	깃	깃	깃
	CB09	CB19	CB29	CB39	CB49	CB59	CB69	CB79	CB89	CB99	CBA9	CBB9	CBC9	CBD9	CBE9	CBF9
A	깃	깄	깅	깃	깃	깃	깃	깃	깃	깃	깃	깃	깃	깃	깃	깃
	CB0A	CB1A	CB2A	CB3A	CB4A	CB5A	CB6A	CB7A	CB8A	CB9A	CBA0	CBB0	CBC0	CBD0	CBE0	CBF0
B	깃	깄	깅	깃	깃	깃	깃	깃	깃	깃	깃	깃	깃	깃	깃	깃
	CB0B	CB1B	CB2B	CB3B	CB4B	CB5B	CB6B	CB7B	CB8B	CB9B	CBA0	CBB0	CBC0	CBD0	CBE0	CBF0
C	깃	깄	깅	깃	깃	깃	깃	깃	깃	깃	깃	깃	깃	깃	깃	깃
	CB0C	CB1C	CB2C	CB3C	CB4C	CB5C	CB6C	CB7C	CB8C	CB9C	CBA0	CBB0	CBC0	CBD0	CBE0	CBF0
D	깃	깄	깅	깃	깃	깃	깃	깃	깃	깃	깃	깃	깃	깃	깃	깃
	CB0D	CB1D	CB2D	CB3D	CB4D	CB5D	CB6D	CB7D	CB8D	CB9D	CBA0	CBB0	CBC0	CBD0	CBE0	CBF0
E	깃	깄	깅	깃	깃	깃	깃	깃	깃	깃	깃	깃	깃	깃	깃	깃
	CB0E	CB1E	CB2E	CB3E	CB4E	CB5E	CB6E	CB7E	CB8E	CB9E	CBA0	CBB0	CBC0	CBD0	CBE0	CBF0
F	깃	깄	깅	깃	깃	깃	깃	깃	깃	깃	깃	깃	깃	깃	깃	깃
	CB0F	CB1F	CB2F	CB3F	CB4F	CB5F	CB6F	CB7F	CB8F	CB9F	CBA0	CBB0	CBC0	CBD0	CBE0	CBF0

	CC0	CC1	CC2	CC3	CC4	CC5	CC6	CC7	CC8	CC9	CCA	CCB	CCC	CCD	CCE	CCF
0	쩜	찐	찐	찰	착	짧	챠	참	챈	챘	철	척	휑	쳐	첨	첸
	CC00	CC10	CC20	CC30	CC40	CC50	CC60	CC70	CC80	CC90	CCA0	CCB0	CCC0	CCD0	CCE0	CCF0
1	찝	찝	찡	聃	聃	짧	祚	찹	챘	챙	첨	첩	휑	척	첩	颤
	CC01	CC11	CC21	CC31	CC41	CC51	CC61	CC71	CC81	CC91	CCA1	CCB1	CCC1	CCD1	CCE1	CCF1
2	찝	찝	찢	聃	聃	짧	祚	찹	챙	팻	惆	툐	휑	취	툐	颤
	CC02	CC12	CC22	CC32	CC42	CC52	CC62	CC72	CC82	CC92	CCA2	CCB2	CCC2	CCD2	CCE2	CCF2
3	찢	찐	찢	聃	聃	짧	聃	챤	찻	챈	팻	툐	청	휑	쳤	첸
	CC03	CC13	CC23	CC33	CC43	CC53	CC63	CC73	CC83	CC93	CCA3	CCB3	CCC3	CCD3	CCE3	CCF3
4	찢	찔	찔	聃	聃	聃	聃	聃	聃	챌	책	툐	체	챔	천	첼
	CC04	CC14	CC24	CC34	CC44	CC54	CC64	CC74	CC84	CC94	CCA4	CCB4	CCC4	CCD4	CCE4	CCF4
5	찡	찝	찝	聃	책	잽	챤	聃	聃	챌	툐	첵	챕	惆	청	颤
	CC05	CC15	CC25	CC35	CC45	CC55	CC65	CC75	CC85	CC95	CCA5	CCB5	CCC5	CCD5	CCE5	CCF5
6	찢	찝	찢	聃	聃	聃	聃	聃	聃	챌	툐	첵	헵	惆	쳤	颤
	CC06	CC16	CC26	CC36	CC46	CC56	CC66	CC76	CC86	CC96	CCA6	CCB6	CCC6	CCD6	CCE6	CCF6
7	찢	찝	찡	聃	聃	聃	聃	聃	聃	聃	툐	颤	颤	쳇	천	颤
	CC07	CC17	CC27	CC37	CC47	CC57	CC67	CC77	CC87	CC97	CCA7	CCB7	CCC7	CCD7	CCE7	CCF7
8	찢	찝	차	참	챈	챘	聃	聃	聃	聃	처	첨	챈	챘	철	颤
	CC08	CC18	CC28	CC38	CC48	CC58	CC68	CC78	CC88	CC98	CCA8	CCB8	CCC8	CCD8	CCE8	CCF8
9	찔	찔	착	찹	챤	챙	聃	聃	聃	聃	척	颤	颤	쳇	颤	颤
	CC09	CC19	CC29	CC39	CC49	CC59	CC69	CC79	CC89	CC99	CCA9	CCB9	CCC9	CCD9	CCE9	CCF9
A	찔	찔	착	찹	챤	챙	聃	聃	聃	聃	첵	휑	쳉	첵	颤	颤
	CC0A	CC1A	CC2A	CC3A	CC4A	CC5A	CC6A	CC7A	CC8A	CC9A	CCA A	CCB A	CCC A	CCD A	CCE A	CCF A
B	찡	찡	聃	聃	聃	聃	聃	聃	聃	聃	첵	颤	颤	쳇	颤	颤
	CC0B	CC1B	CC2B	CC3B	CC4B	CC5B	CC6B	CC7B	CC8B	CC9B	CCA B	CCB B	CCC B	CCD B	CCE B	CCF B
C	찌	찜	찬	찼	챌	책	챤	聃	聃	聃	聃	첵	颤	첵	체	颤
	CC0C	CC1C	CC2C	CC3C	CC4C	CC5C	CC6C	CC7C	CC8C	CC9C	CCA C	CCB C	CCC C	CCD C	CCE C	CCF C
D	찍	찝	찼	聃	聃	聃	聃	聃	聃	聃	첵	툐	颤	颤	첵	颤
	CC0D	CC1D	CC2D	CC3D	CC4D	CC5D	CC6D	CC7D	CC8D	CC9D	CCA D	CCB D	CCC D	CCD D	CCE D	CCF D
E	찢	찝	聃	聃	聃	聃	聃	聃	聃	聃	첵	颤	颤	颤	첵	颤
	CC0E	CC1E	CC2E	CC3E	CC4E	CC5E	CC6E	CC7E	CC8E	CC9E	CCA E	CCB E	CCC E	CCD E	CCE E	CCF E
F	찢	찢	찬	찼	聃	聃	聃	聃	聃	聃	첵	颤	颤	颤	첵	颤
	CC0F	CC1F	CC2F	CC3F	CC4F	CC5F	CC6F	CC7F	CC8F	CC9F	CCA F	CCB F	CCC F	CCD F	CCE F	CCF F

	CD0	CD1	CD2	CD3	CD4	CD5	CD6	CD7	CD8	CD9	CDA	CDB	CDC	CDD	CDE	CDF
0	쳤	출	촉	핥	채	챔	친	쳤	출	촉	읊	취	침	첸	챘	칠
	CD00	CD10	CD20	CD30	CD40	CD50	CD60	CD70	CD80	CD90	CDA0	CDB0	CDC0	CDD0	CDE0	CDFF
1	챙	춤	총	촤	책	찹	촤	청	춤	총	읊	취	침	첸	챙	촤
	CD01	CD11	CD21	CD31	CD41	CD51	CD61	CD71	CD81	CD91	CDA1	CDB1	CDC1	CDD1	CDE1	CDFF
2	쳇	읊	총	촤	홱	헵	촤	쳇	읊	총	읊	취	헵	ᶟ	쳇	촤
	CD02	CD12	CD22	CD32	CD42	CD52	CD62	CD72	CD82	CD92	CDA2	CDB2	CDC2	CDD2	CDE2	CDFF
3	쳇	읊	총	촤	홱	홱	촤	쳇	읊	총	읊	취	쳇	첸	쳇	촤
	CD03	CD13	CD23	CD33	CD43	CD53	CD63	CD73	CD83	CD93	CDA3	CDB3	CDC3	CDD3	CDE3	CDFF
4	첵	읊	촤	참	챈	챘	칠	첵	읊	추	춤	친	쳤	첸	첵	촤
	CD04	CD14	CD24	CD34	CD44	CD54	CD64	CD74	CD84	CD94	CDA4	CDB4	CDC4	CDD4	CDE4	CDFF
5	첼	읊	촤	찹	쾡	휑	촤	첼	읊	축	춥	촤	청	퐁	첼	촤
	CD05	CD15	CD25	CD35	CD45	CD55	CD65	CD75	CD85	CD95	CDA5	CDB5	CDC5	CDD5	CDE5	CDFF
6	쳤	읊	촤	헵	휑	휑	촤	쳤	읊	축	춥	촤	휑	퐁	쳤	촤
	CD06	CD16	CD26	CD36	CD46	CD56	CD66	CD76	CD86	CD96	CDA6	CDB6	CDC6	CDD6	CDE6	CDFF
7	챙	읊	촤	찻	챈	챘	툠	챙	읊	춥	춥	촤	휑	퐁	챙	촤
	CD07	CD17	CD27	CD37	CD47	CD57	CD67	CD77	CD87	CD97	CDA7	CDB7	CDC7	CDD7	CDE7	CDFF
8	초	촘	촨	촤	챌	첵	촤	쵸	촘	촘	촘	촘	칐	쳉	취	침
	CD08	CD18	CD28	CD38	CD48	CD58	CD68	CD78	CD88	CD98	CDA8	CDB8	CDC8	CDD8	CDE8	CDFF
9	촉	촘	챤	챵	Ћ	Ћ	ߝ	촉	촘	촘	총	ߝ	ҹ	ҹ	ҹ	ҹ
	CD09	CD19	CD29	CD39	CD49	CD59	CD69	CD79	CD89	CD99	CDA9	CDB9	CDC9	CDD9	CDE9	CDFF
A	축	촘	챤	촤	Ћ	Ћ	ߝ	축	촘	촘	촘	촘	ߝ	ߝ	ߝ	ߝ
	CD0A	CD1A	CD2A	CD3A	CD4A	CD5A	CD6A	CD7A	CD8A	CD9A	CDAA	CDBA	CDCA	CDDA	CDEA	CDFA
B	총	총	챤	촤	Ћ	Ћ	ߝ	총	총	총	총	총	ߝ	ߝ	ߝ	ߝ
	CD0B	CD1B	CD2B	CD3B	CD4B	CD5B	CD6B	CD7B	CD8B	CD9B	CDAB	CDBB	CDCB	CDBC	CDEB	CDFB
C	촌	총	촬	촤	Ћ	Ћ	ߝ	촌	총	총	총	총	ߝ	ߝ	ߝ	ߝ
	CD0C	CD1C	CD2C	CD3C	CD4C	CD5C	CD6C	CD7C	CD8C	CD9C	CDAc	CDBC	CDCc	CDDC	CDEC	CDFC
D	총	총	촤	촤	Ћ	Ћ	ߝ	총	총	총	총	총	ߝ	ߝ	ߝ	ߝ
	CD0D	CD1D	CD2D	CD3D	CD4D	CD5D	CD6D	CD7D	CD8D	CD9D	CDAd	CDBD	CDCD	CDDD	CDED	CDFD
E	총	총	촤	촤	Ћ	Ћ	ߝ	총	총	총	총	총	ߝ	ߝ	ߝ	ߝ
	CD0E	CD1E	CD2E	CD3E	CD4E	CD5E	CD6E	CD7E	CD8E	CD9E	CDAE	CDBE	CDCe	CDEE	CDFE	
F	촌	총	촤	촤	Ћ	Ћ	ߝ	촌	총	총	총	총	ߝ	ߝ	ߝ	ߝ
	CD0F	CD1F	CD2F	CD3F	CD4F	CD5F	CD6F	CD7F	CD8F	CD9F	CDAF	CDBF	CDCF	CDDF	CDEF	CDFF

	CE0	CE1	CE2	CE3	CE4	CE5	CE6	CE7	CE8	CE9	CEA	CEB	CEC	CED	CEE	CEF
0	최	춥	츠	啄	친	쳤	칠	칙	깯	캐	캠	坎	깃	캘	캑	깂
	CE00	CE10	CE20	CE30	CE40	CE50	CE60	CE70	CE80	CE90	CEA0	CEB0	CEC0	CED0	CEE0	CEF0
1	쥘	춥	측	啄	쳤	칭	칡	칠	깃	캐	캡	깃	깡	캘	캡	깂
	CE01	CE11	CE21	CE31	CE41	CE51	CE61	CE71	CE81	CE91	CEA1	CEB1	CEC1	CED1	CEE1	CEF1
2	짚	춥	츄	啄	쳤	찧	짊	깃	깃	캐	캡	깃	깃	깃	깃	깂
	CE02	CE12	CE22	CE32	CE42	CE52	CE62	CE72	CE82	CE92	CEA2	CEB2	CEC2	CED2	CEE2	CEF2
3	쯩	춥	춥	啄	친	쳤	췌	깃	깃	캡	캣	坎	깃	깃	깃	깂
	CE03	CE13	CE23	CE33	CE43	CE53	CE63	CE73	CE83	CE93	CEA3	CEB3	CEC3	CED3	CEE3	CEF3
4	츄	춥	츤	啄	칠	칡	깃	캬	캄	캔	캡	꺃	꺃	꺃	꺃	꺃
	CE04	CE14	CE24	CE34	CE44	CE54	CE64	CE74	CE84	CE94	CEA4	CEB4	CEC4	CED4	CEE4	CEF4
5	축	춥	춥	啄	칡	칡	깃	캬	캅	캡	캥	깃	꺃	꺃	꺃	꺃
	CE05	CE15	CE25	CE35	CE45	CE55	CE65	CE75	CE85	CE95	CEA5	CEB5	CEC5	CED5	CEE5	CEF5
6	츄	춥	춥	啄	깃	깃	깃	캬	깃	꺃	꺃	꺃	꺃	꺃	꺃	꺃
	CE06	CE16	CE26	CE36	CE46	CE56	CE66	CE76	CE86	CE96	CEA6	CEB6	CEC6	CED6	CEE6	CEF6
7	춥	춥	춥	啄	깃	깃	깃	캬	꺃	캔	꺃	꺃	꺃	꺃	꺃	꺃
	CE07	CE17	CE27	CE37	CE47	CE57	CE67	CE77	CE87	CE97	CEA7	CEB7	CEC7	CED7	CEE7	CEF7
8	춘	춥	출	啄	깃	치	침	坎	꺃	캘	꺃	꺃	꺃	꺃	꺃	꺃
	CE08	CE18	CE28	CE38	CE48	CE58	CE68	CE78	CE88	CE98	CEA8	CEB8	CEC8	CED8	CEE8	CEF8
9	춥	춥	춥	啄	깃	칙	찝	꺃	캉	캡	꺃	꺃	꺃	꺃	꺃	꺃
	CE09	CE19	CE29	CE39	CE49	CE59	CE69	CE79	CE89	CE99	CEA9	CEB9	CEC9	CED9	CEE9	CEF9
A	춥	춥	춥	啄	깃	취	깃	깃	꺃	꺃	꺃	꺃	꺃	꺃	꺃	꺃
	CE0A	CE1A	CE2A	CE3A	CE4A	CE5A	CE6A	CE7A	CE8A	CE9A	CEA0	CEB0	CEC0	CED0	CEE0	CEF0
B	춘	춥	춥	啄	깃	찻	깃	깃	꺃	꺃	꺃	꺃	꺃	꺃	꺃	꺃
	CE0B	CE1B	CE2B	CE3B	CE4B	CE5B	CE6B	CE7B	CE8B	CE9B	CEA0	CEB0	CEC0	CED0	CEE0	CEF0
C	출	춥	춥	칙	깃	침	친	깃	꺃	깍	꺃	꺃	꺃	꺃	꺃	꺃
	CE0C	CE1C	CE2C	CE3C	CE4C	CE5C	CE6C	CE7C	CE8C	CE9C	CEA0	CEB0	CEC0	CED0	CEE0	CEF0
D	춥	춥	춥	칙	깃	깃	깃	깃	깃	꺃	꺃	꺃	꺃	꺃	꺃	꺃
	CE0D	CE1D	CE2D	CE3D	CE4D	CE5D	CE6D	CE7D	CE8D	CE9D	CEA0	CEB0	CEC0	CED0	CEE0	CEF0
E	춥	춥	춥	취	깃	깃	깃	깃	깃	꺃	꺃	꺃	꺃	꺃	꺃	꺃
	CE0E	CE1E	CE2E	CE3E	CE4E	CE5E	CE6E	CE7E	CE8E	CE9E	CEA0	CEB0	CEC0	CED0	CEE0	CEF0
F	춥	춥	춥	취	깃	깃	깃	깃	깃	꺃	꺃	꺃	꺃	꺃	꺃	꺃
	CE0F	CE1F	CE2F	CE3F	CE4F	CE5F	CE6F	CE7F	CE8F	CE9F	CEA0	CEB0	CEC0	CED0	CEE0	CEF0

	CF0	CF1	CF2	CF3	CF4	CF5	CF6	CF7	CF8	CF9	CFA	CFB	CFC	CFD	CFE	CFF
0	케 CF00	캬 CF10	켠 CF20	겼 CF30	켈 CF40	켁 CF50	꺔 CF60	콰 CF70	콤 CF80	챤 CF90	툐 CF40	툔 CF50	툕 CF60	툔 CF70	툔 CF80	툔 CF90
1	켁 CF01	캡 CF11	겼 CF21	겅 CF31	铠 CF41	铠 CF51	꺔 CF61	콱 CF71	왑 CF81	툐 CF91	툐 CF41	툔 CF51	툔 CF61	툔 CF71	툔 CF81	툔 CF91
2	铠 CF02	캡 CF12	ڱ CF22	겼 CF32	铠 CF42	铠 CF52	꺔 CF62	콱 CF72	왑 CF82	툐 CF92	툐 CF42	툔 CF52	툔 CF62	툔 CF72	툔 CF82	툔 CF92
3	铠 CF03	켓 CF13	켠 CF23	겼 CF33	铠 CF43	铠 CF53	꺔 CF63	콱 CF73	왑 CF83	툐 CF93	툐 CF43	툔 CF53	툔 CF63	툔 CF73	툔 CF83	툔 CF93
4	肯 CF04	깼 CF14	켤 CF24	깰 CF34	铠 CF44	코 CF54	콤 CF64	콴 CF74	롼 CF84	툐 CF94	툐 CF44	툔 CF54	툔 CF64	툔 CF74	툔 CF84	툔 CF94
5	铠 CF05	켕 CF15	ڱ CF25	깰 CF35	铠 CF45	콕 CF55	콥 CF65	콴 CF75	롼 CF85	툐 CF95	툐 CF45	툔 CF55	툔 CF65	툔 CF75	툔 CF85	툔 CF95
6	铠 CF06	깻 CF16	ڱ CF26	깰 CF36	铠 CF46	콕 CF56	콥 CF66	콴 CF76	롼 CF86	툐 CF96	툐 CF46	툔 CF56	툔 CF66	툔 CF76	툔 CF86	툔 CF96
7	铠 CF07	깻 CF17	ڱ CF27	깰 CF37	铠 CF47	코 CF57	គ CF67	콴 CF77	롼 CF87	툐 CF97	툐 CF47	툔 CF57	툔 CF67	툔 CF77	툔 CF87	툔 CF97
8	铠 CF08	켁 CF18	ڱ CF28	깰 CF38	铠 CF48	콘 CF58	គ CF68	콴 CF78	롼 CF88	툐 CF98	툐 CF48	툔 CF58	툔 CF68	툔 CF78	툔 CF88	툔 CF98
9	铠 CF09	铠 CF19	ڱ CF29	깰 CF39	铠 CF49	ໂ CF59	គ CF69	콴 CF79	롼 CF89	툐 CF99	툐 CF49	툔 CF59	툔 CF69	툔 CF79	툔 CF89	툔 CF99
A	铠 CF0A	铠 CF1A	ڱ CF2A	깰 CF3A	铠 CF4A	ໂ CF5A	គ CF6A	콴 CF7A	롼 CF8A	툐 CF9A	툐 CF4A	툔 CF5A	툔 CF6A	툔 CF7A	툔 CF8A	툔 CF9A
B	铠 CF0B	켕 CF1B	ڱ CF2B	깰 CF3B	铠 CF4B	콘 CF5B	គ CF6B	콴 CF7B	롼 CF8B	툐 CF9B	툐 CF4B	툔 CF5B	툔 CF6B	툔 CF7B	툔 CF8B	툔 CF9B
C	铠 CF0C	ڽ CF1C	ڱ CF2C	깰 CF3C	铠 CF4C	ໂ CF5C	គ CF6C	콴 CF7C	롼 CF8C	툐 CF9C	툐 CF4C	툔 CF5C	툔 CF6C	툔 CF7C	툔 CF8C	툔 CF9C
D	铠 CF0D	격 CF1D	ڱ CF2D	깰 CF3D	铠 CF4D	ໂ CF5D	គ CF6D	콴 CF7D	롼 CF8D	툐 CF9D	툐 CF4D	툔 CF5D	툔 CF6D	툔 CF7D	툔 CF8D	툔 CF9D
E	铠 CF0E	ڽ CF1E	ڱ CF2E	깰 CF3E	铠 CF4E	ໂ CF5E	គ CF6E	콴 CF7E	롼 CF8E	툐 CF9E	툐 CF4E	툔 CF5E	툔 CF6E	툔 CF7E	툔 CF8E	툔 CF9E
F	铠 CF0F	铠 CF1F	ڱ CF2F	깰 CF3F	铠 CF4F	ໂ CF5F	គ CF6F	콴 CF7F	롼 CF8F	툐 CF9F	툐 CF4F	툔 CF5F	툔 CF6F	툔 CF7F	툔 CF8F	툔 CF9F

D000

## Hangul Syllables

D0FF

	D00	D01	D02	D03	D04	D05	D06	D07	D08	D09	D0A	D0B	D0C	D0D	D0E	D0F
0	퀸	툄	\${(} 훈													
	D000	D010	D020	D030	D040	D050	D060	D070	D080	D090	D0A0	D0B0	D0C0	D0D0	D0E0	D0F0
1	\${(} 훈															
	D001	D011	D021	D031	D041	D051	D061	D071	D081	D091	D0A1	D0B1	D0C1	D0D1	D0E1	D0F1
2	\${(} 훈															
	D002	D012	D022	D032	D042	D052	D062	D072	D082	D092	D0A2	D0B2	D0C2	D0D2	D0E2	D0F2
3	퀸	\${(} 훈														
	D003	D013	D023	D033	D043	D053	D063	D073	D083	D093	D0A3	D0B3	D0C3	D0D3	D0E3	D0F3
4	\${(} 훈															
	D004	D014	D024	D034	D044	D054	D064	D074	D084	D094	D0A4	D0B4	D0C4	D0D4	D0E4	D0F4
5	\${(} 훈															
	D005	D015	D025	D035	D045	D055	D065	D075	D085	D095	D0A5	D0B5	D0C5	D0D5	D0E5	D0F5
6	\${(} 훈															
	D006	D016	D026	D036	D046	D056	D066	D076	D086	D096	D0A6	D0B6	D0C6	D0D6	D0E6	D0F6
7	\${(} 훈															
	D007	D017	D027	D037	D047	D057	D067	D077	D087	D097	D0A7	D0B7	D0C7	D0D7	D0E7	D0F7
8	\${(} 훈															
	D008	D018	D028	D038	D048	D058	D068	D078	D088	D098	D0A8	D0B8	D0C8	D0D8	D0E8	D0F8
9	\${(} 훈															
	D009	D019	D029	D039	D049	D059	D069	D079	D089	D099	D0A9	D0B9	D0C9	D0D9	D0E9	D0F9
A	\${(} 훈															
	D00A	D01A	D02A	D03A	D04A	D05A	D06A	D07A	D08A	D09A	D0AA	D0BA	D0CA	D0DA	D0EA	D0FA
B	\${(} 훈															
	D00B	D01B	D02B	D03B	D04B	D05B	D06B	D07B	D08B	D09B	D0AB	D0BB	D0CB	D0DB	D0EB	D0FB
C	\${(} 훈															
	D00C	D01C	D02C	D03C	D04C	D05C	D06C	D07C	D08C	D09C	D0AC	D0BC	D0CC	D0DC	D0EC	D0FC
D	\${(} 훈															
	D00D	D01D	D02D	D03D	D04D	D05D	D06D	D07D	D08D	D09D	D0AD	D0BD	D0CD	D0DD	D0ED	D0FD
E	\${(} 훈															
	D00E	D01E	D02E	D03E	D04E	D05E	D06E	D07E	D08E	D09E	D0AE	D0BE	D0CE	D0DE	D0EE	D0FE
F	\${(} 훈															
	D00F	D01F	D02F	D03F	D04F	D05F	D06F	D07F	D08F	D09F	D0AF	D0BF	D0CF	D0DF	D0EF	D0FF

	D10	D11	D12	D13	D14	D15	D16	D17	D18	D19	D1A	D1B	D1C	D1D	D1E	D1F
0	탈	탁	툄	터	팀	텐	툄	털	턱	툄	토	톰	튄	툄	툄	툄
1	툄	탈	툄	터	텁	툄	텡	툄	털	툄	톡	톱	툄	툄	툄	툄
2	툄	탈	툄	터	텁	툄	텟	툄	툄	툄	툭	툭	툄	툄	툄	툄
3	툄	툄	툄	텃	텃	텐	툄	툄	툄	툄	툭	툭	툄	툄	툄	툄
4	툄	태	탬	턴	툄	텔	텍	툄	ቴ	템	톤	툭	튈	툄	툄	툄
5	툄	택	탭	툄	텅	템	텝	툄	ቴ	텝	툭	통	툄	툄	툄	툄
6	툄	택	툄	툄	텃	툄	툄	툄	툄	툄	툭	툭	툄	툄	툄	툄
7	툄	툄	툄	턴	툄	툄	텡	툄	툄	툄	تون	툭	툄	툄	툄	툄
8	탐	坦	툄	털	턱	툄	텨	텀	텐	툄	톨	툭	툄	툄	툄	툄
9	탑	툄	탱	툄	털	툄	턱	텁	툄	툄	톰	툄	툄	툄	툄	툄
A	툄	툄	툄	툄	툄	툄	툄	툄	툄	툄	툄	툄	툄	툄	툄	툄
B	탸	坦	탸	툄	텅	툄	툄	툄	툄	툄	툄	통	툄	툄	툄	툄
C	탸	툄	탸	툄	툄	툄	툄	툄	툄	툄	툄	툄	툄	툄	툄	툄
D	탸	툄	탸	툄	툄	툄	툄	툄	툄	툄	툄	툄	툄	툄	툄	툄
E	탸	툄	탸	툄	툄	툄	툄	툄	툄	툄	툄	툄	툄	툄	툄	툄
F	탸	툄	탸	툄	툄	툄	툄	툄	툄	툄	툄	툄	툄	툄	툄	툄

	D20	D21	D22	D23	D24	D25	D26	D27	D28	D29	D2A	D2B	D2C	D2D	D2E	D2F
0	툁	툂	툃	툄	툅	툆	툇	툈	툉	툊	툋	툌	툍	툎	툏	툐
	D200	D210	D220	D230	D240	D250	D260	D270	D280	D290	D2A0	D2B0	D2C0	D2D0	D2E0	D2F0
1	툑	툒	툓	툔	툕	툖	툗	툘	툙	툚	툛	툜	툝	툞	툟	툠
	D201	D211	D221	D231	D241	D251	D261	D271	D281	D291	D2A1	D2B1	D2C1	D2D1	D2E1	D2F1
2	툒	툓	툔	툕	툖	툗	툘	툙	툚	툚	툛	툝	툝	툞	툟	툠
	D202	D212	D222	D232	D242	D252	D262	D272	D282	D292	D2A2	D2B2	D2C2	D2D2	D2E2	D2F2
3	툓	툔	툕	툖	툗	툘	툙	툚	툚	툛	툝	툝	툝	툞	툟	툠
	D203	D213	D223	D233	D243	D253	D263	D273	D283	D293	D2A3	D2B3	D2C3	D2D3	D2E3	D2F3
4	툔	툕	툖	툗	툘	툙	툚	툚	툛	툝	툝	툝	툝	툞	툟	툠
	D204	D214	D224	D234	D244	D254	D264	D274	D284	D294	D2A4	D2B4	D2C4	D2D4	D2E4	D2F4
5	툕	툖	툗	툘	툙	툚	툚	툛	툝	툝	툝	툝	툝	툞	툟	툠
	D205	D215	D225	D235	D245	D255	D265	D275	D285	D295	D2A5	D2B5	D2C5	D2D5	D2E5	D2F5
6	툖	툗	툘	툙	툚	툚	툛	툝	툝	툝	툝	툝	툝	툝	툝	툝
	D206	D216	D226	D236	D246	D256	D266	D276	D286	D296	D2A6	D2B6	D2C6	D2D6	D2E6	D2F6
7	툗	툘	툙	툚	툚	툛	툝	툝	툝	툝	툝	툝	툝	툝	툝	툝
	D207	D217	D227	D237	D247	D257	D267	D277	D287	D297	D2A7	D2B7	D2C7	D2D7	D2E7	D2F7
8	툙	툚	툚	툛	툝	툝	툝	툝	툝	툝	툝	툝	툝	툝	툝	툝
	D208	D218	D228	D238	D248	D258	D268	D278	D288	D298	D2A8	D2B8	D2C8	D2D8	D2E8	D2F8
9	툚	툚	툛	툝	툝	툝	툝	툝	툝	툝	툝	툝	툝	툝	툝	툝
	D209	D219	D229	D239	D249	D259	D269	D279	D289	D299	D2A9	D2B9	D2C9	D2D9	D2E9	D2F9
A	툝	툝	툝	툝	툝	툝	툝	툝	툝	툝	툝	툝	툝	툝	툝	툝
	D20A	D21A	D22A	D23A	D24A	D25A	D26A	D27A	D28A	D29A	D2AA	D2BA	D2CA	D2DA	D2EA	D2FA
B	툝	툝	툝	툝	툝	툝	툝	툝	툝	툝	툝	툝	툝	툝	툝	툝
	D20B	D21B	D22B	D23B	D24B	D25B	D26B	D27B	D28B	D29B	D2AB	D2BB	D2CB	D2DB	D2EB	D2FB
C	툝	툝	툝	툝	툝	툝	툝	툝	툝	툝	툝	툝	툝	툝	툝	툝
	D20C	D21C	D22C	D23C	D24C	D25C	D26C	D27C	D28C	D29C	D2AC	D2BC	D2CC	D2DC	D2EC	D2FC
D	툝	툝	툝	툝	툝	툝	툝	툝	툝	툝	툝	툝	툝	툝	툝	툝
	D20D	D21D	D22D	D23D	D24D	D25D	D26D	D27D	D28D	D29D	D2AD	D2BD	D2CD	D2DD	D2ED	D2FD
E	툝	툝	툝	툝	툝	툝	툝	툝	툝	툝	툝	툝	툝	툝	툝	툝
	D20E	D21E	D22E	D23E	D24E	D25E	D26E	D27E	D28E	D29E	D2AE	D2BE	D2CE	D2DE	D2EE	D2FE
F	툝	툝	툝	툝	툝	툝	툝	툝	툝	툝	툝	툝	툝	툝	툝	툝
	D20F	D21F	D22F	D23F	D24F	D25F	D26F	D27F	D28F	D29F	D2AF	D2BF	D2CF	D2DF	D2EF	D2FF

D300

## Hangul Syllables

D3EF

	D30	D31	D32	D33	D34	D35	D36	D37	D38	D39	D3A	D3B	D3C	D3D	D3E
0	팀	판	팟	팰	팩	꽝	꽗	팸	편	펐	펠	펙	ფ	페	펨
	D300	D310	D320	D330	D340	D350	D360	D370	D380	D390	D3A0	D3B0	D3C0	D3D0	D3E0
1	팁	팟	팡	팰	팰	꽝	꽗	팸	편	펑	㋮	㋮	㋮	㋮	㋮
	D301	D311	D321	D331	D341	D351	D361	D371	D381	D391	D3A1	D3B1	D3C1	D3D1	D3E1
2	툑	꽝	팟	툑	툑	꽝	꽗	툑	꽝	펫	툑	툑	툑	툑	툑
	D302	D312	D322	D332	D342	D352	D362	D372	D382	D392	D3A2	D3B2	D3C2	D3D2	D3E2
3	툑	판	팟	툑	툑	꽝	꽝	꽗	팻	편	펫	툑	툑	툑	툑
	D303	D313	D323	D333	D343	D353	D363	D373	D383	D393	D3A3	D3B3	D3C3	D3D3	D3E3
4	툑	팔	팍	툑	파	팜	팎	팬	팻	펄	퍽	₩	퍽	퍽	퍽
	D304	D314	D324	D334	D344	D354	D364	D374	D384	D394	D3A4	D3B4	D3C4	D3D4	D3E4
5	팅	꽝	팥	툑	파	팝	꽗	팻	팽	폔	㋮	퍽	핍	㋮	펭
	D305	D315	D325	D335	D345	D355	D365	D375	D385	D395	D3A5	D3B5	D3C5	D3D5	D3E5
6	툑	꽝	팥	툑	팍	꽈	꽗	꽝	팻	₩	₩	퍽	꽗	꽗	꽗
	D306	D316	D326	D336	D346	D356	D366	D376	D386	D396	D3A6	D3B6	D3C6	D3D6	D3E6
7	툑	꽝	팡	툑	팟	팟	팎	팸	팻	₩	₩	₩	₩	₩	₩
	D307	D317	D327	D337	D347	D357	D367	D377	D387	D397	D3A7	D3B7	D3C7	D3D7	D3E7
8	툑	꽝	꽗	툑	팸	판	팟	팰	꽗	꽗	꽗	꽗	꽗	꽗	꽗
	D308	D318	D328	D338	D348	D358	D368	D378	D388	D398	D3A8	D3B8	D3C8	D3D8	D3E8
9	튈	꽝	꽗	툑	팹	팝	꽝	꽗	팰	꽗	꽗	꽗	꽗	꽗	꽗
	D309	D319	D329	D339	D349	D359	D369	D379	D389	D399	D3A9	D3B9	D3C9	D3D9	D3E9
A	툑	꽝	꽗	툑	꽗	꽝	꽝	꽗	툑	꽗	꽗	꽗	꽗	꽗	꽗
	D30A	D31A	D32A	D33A	D34A	D35A	D36A	D37A	D38A	D39A	D3AA	D3BA	D3CA	D3DA	D3EA
B	팅	꽝	꽗	툑	판	팟	꽝	꽗	꽝	꽗	꽗	꽗	꽗	꽗	꽗
	D30B	D31B	D32B	D33B	D34B	D35B	D36B	D37B	D38B	D39B	D3AB	D3BB	D3CB	D3DB	D3EB
C	파	팜	팬	팻	팥	팥	팍	꽗	퍼	펌	펫	펫	퍽	₩	₩
	D30C	D31C	D32C	D33C	D34C	D35C	D36C	D37C	D38C	D39C	D3AC	D3BC	D3CC	D3DC	D3EC
D	팍	팝	팻	꽝	꽝	팥	꽗	퍽	퍽	퍽	펫	펫	₩	₩	₩
	D30D	D31D	D32D	D33D	D34D	D35D	D36D	D37D	D38D	D39D	D3AD	D3BD	D3CD	D3DD	D3ED
E	팍	꽝	꽝	팻	꽝	꽝	꽝	꽗	₩	₩	₩	₩	₩	₩	₩
	D30E	D31E	D32E	D33E	D34E	D35E	D36E	D37E	D38E	D39E	D3AE	D3BE	D3CE	D3DE	D3EE
F	팟	팟	팬	팻	꽝	꽝	꽝	꽝	₩	₩	₩	₩	₩	₩	₩
	D30F	D31F	D32F	D33F	D34F	D35F	D36F	D37F	D38F	D39F	D3AF	D3BF	D3CF	D3DF	D3EF

	D3F	D40	D41	D42	D43	D44	D45	D46	D47	D48	D49	D4A	D4B	D4C	D4D
0	꼰	꼿	꼴	꼴	꼴	꾀	꼰	꼰	꼰	풀	풀	꼰	꿰	꿰	刎
	D3F0	D400	D410	D420	D430	D440	D450	D460	D470	D480	D490	D4A0	D4B0	D4C0	D4D0
1	푯	퐁	꽝	꽝	꽝	꽝	꽝	꽝	꽝	풀	풀	ҥ	ԝ	ԝ	ԝ
	D3F1	D401	D411	D421	D431	D441	D451	D461	D471	D481	D491	D4A1	D4B1	D4C1	D4D1
2	퐁	풋	꽝	꽝	꽝	꽝	풋	풋	풋	풋	풋	ҥ	ԝ	ԝ	ԝ
	D3F2	D402	D412	D422	D432	D442	D452	D462	D472	D482	D492	D4A2	D4B2	D4C2	D4D2
3	꼰	풋	꽝	꽝	꽝	꽝	풋	풋	풋	풋	풋	ҥ	ԝ	ԝ	ԝ
	D3F3	D403	D413	D423	D433	D443	D453	D463	D473	D483	D493	D4A3	D4B3	D4C3	D4D3
4	풀	黠	꽝	꽱	꽱	꽱	swire	swire	swire	swire	swire	swire	꿰	꿰	swire
	D3F4	D404	D414	D424	D434	D444	D454	D464	D474	D484	D494	D4A4	D4B4	D4C4	D4D4
5	풀	풀	꽝	꽱	꽱	꽱	swire	swire	swire	swire	swire	swire	ԝ	ԝ	ԝ
	D3F5	D405	D415	D425	D435	D445	D455	D465	D475	D485	D495	D4A5	D4B5	D4C5	D4D5
6	ҥ	ҥ	ҥ	꽱	꽱	꽱	swire	swire	swire	swire	swire	swire	ԝ	ԝ	ԝ
	D3F6	D406	D416	D426	D436	D446	D456	D466	D476	D486	D496	D4A6	D4B6	D4C6	D4D6
7	ҥ	퐁	꽝	꽱	꽱	꽱	swire	swire	swire	swire	swire	swire	ԝ	ԝ	ԝ
	D3F7	D407	D417	D427	D437	D447	D457	D467	D477	D487	D497	D4A7	D4B7	D4C7	D4D7
8	swire	꽈	꽝	꽱	꽱	꽱	swire	swire	swire	swire	swire	swire	ԝ	ԝ	ԝ
	D3F8	D408	D418	D428	D438	D448	D458	D468	D478	D488	D498	D4A8	D4B8	D4C8	D4D8
9	swire	꽈	꽝	꽱	꽱	꽱	swire	swire	swire	swire	swire	swire	ԝ	ԝ	ԝ
	D3F9	D409	D419	D429	D439	D449	D459	D469	D479	D489	D499	D4A9	D4B9	D4C9	D4D9
A	swire	swire	꽝	꽱	꽱	꽱	swire	swire	swire	swire	swire	swire	ԝ	ԝ	ԝ
	D3FA	D40A	D41A	D42A	D43A	D44A	D45A	D46A	D47A	D48A	D49A	D4AA	D4BA	D4CA	D4DA
B	swire	swire	꽝	꽱	꽱	꽱	swire	swire	swire	swire	swire	swire	ԝ	ԝ	ԝ
	D3FB	D40B	D41B	D42B	D43B	D44B	D45B	D46B	D47B	D48B	D49B	D4AB	D4BB	D4CB	D4DB
C	쫌	꽌	꽝	꽱	꽱	꽱	ҕ	ҕ	ҕ	ҕ	ҕ	ҕ	ԝ	ԝ	ԝ
	D3FC	D40C	D41C	D42C	D43C	D44C	D45C	D46C	D47C	D48C	D49C	D4AC	D4BC	D4CC	D4DC
D	쫌	꽱	꽝	꽱	꽱	꽱	ҕ	ҕ	ҕ	ҕ	ҕ	ҕ	ԝ	ԝ	ԝ
	D3FD	D40D	D41D	D42D	D43D	D44D	D45D	D46D	D47D	D48D	D49D	D4AD	D4BD	D4CD	D4DD
E	swire	swire	꽝	꽱	꽱	꽱	ҕ	ҕ	ҕ	ҕ	ҕ	ҕ	ԝ	ԝ	ԝ
	D3FE	D40E	D41E	D42E	D43E	D44E	D45E	D46E	D47E	D48E	D49E	D4AE	D4BE	D4CE	D4DE
F	swire	swire	꽝	꽱	꽱	꽱	ҕ	ҕ	ҕ	ҕ	ҕ	ҕ	ԝ	ԝ	ԝ
	D3FF	D40F	D41F	D42F	D43F	D44F	D45F	D46F	D47F	D48F	D49F	D4AF	D4BF	D4CF	D4DF

D4E0

## Hangul Syllables

D5CF

	D4E	D4F	D50	D51	D52	D53	D54	D55	D56	D57	D58	D59	D5A	D5B	D5C
0	줬	풀	풀	풀	피	핌	핀	폈	할	학	했	하	함	핸	했
	D4E0	D4F0	D500	D510	D520	D530	D540	D550	D560	D570	D580	D590	D5A0	D5B0	D5C0
1	튕	풀	풀	풀	퍽	핍	폈	핑	핥	한	햅	학	합	햇	행
	D4E1	D4F1	D501	D511	D521	D531	D541	D551	D561	D571	D581	D591	D5A1	D5B1	D5C1
2	풋	倨	倨	倨	퓌	ფ	ფ	ფ	המ	הו	הנ	חא	חט	חונ	חט
	D4E2	D4F2	D502	D512	D522	D532	D542	D552	D562	D572	D582	D592	D5A2	D5B2	D5C2
3	풋	倨	풍	풀	퓌	풋	핀	풋	המ	הו	הנ	חט	חט	חן	חט
	D4E3	D4F3	D503	D513	D523	D533	D543	D553	D563	D573	D583	D593	D5A3	D5B3	D5C3
4	뿍	읊	프	frm	핀	핍	펄	픽	המ	הה	המ	한	חט	חאל	חט
	D4E4	D4F4	D504	D514	D524	D534	D544	D554	D564	D574	D584	D594	D5A4	D5B4	D5C4
5	郁闷	읊	푸	웁	핍	찡	꾀	필	המ	핵	햅	חט	향	חאל	חט
	D4E5	D4F5	D505	D515	D525	D535	D545	D555	D565	D575	D585	D595	D5A5	D5B5	D5C5
6	郁闷	읊	푸	웁	퓌	풋	葩	펄	המ	핵	햅	חט	향	חאל	חט
	D4E6	D4F6	D506	D516	D526	D536	D546	D556	D566	D576	D586	D596	D5A6	D5B6	D5C6
7	튕	풀	풀	풀	핀	풋	葩	꽁	המ	핵	햇	한	חט	חאל	חט
	D4E7	D4F7	D507	D517	D527	D537	D547	D557	D567	D577	D587	D597	D5A7	D5B7	D5C7
8	퓨	퓸	픈	풀	펄	퓨	葩	하	함	핸	햇	할	학	חאל	허
	D4E8	D4F8	D508	D518	D528	D538	D548	D558	D568	D578	D588	D598	D5A8	D5B8	D5C8
9	푹	웁	웁	풍	퓌	펄	葩	학	합	햇	행	חט	הן	חאל	헉
	D4E9	D4F9	D509	D519	D529	D539	D549	D559	D569	D579	D589	D599	D5A9	D5B9	D5C9
A	퓨	읊	풀	풀	퓌	펄	葩	하	합	햅	햇	חט	חט	חט	허
	D4EA	D4FA	D50A	D51A	D52A	D53A	D54A	D55A	D56A	D57A	D58A	D59A	D5AA	D5BA	D5CA
B	ფ	풋	픈	풀	퓌	펄	葩	핫	핫	핸	햇	חט	חט	חט	허
	D4EB	D4FB	D50B	D51B	D52B	D53B	D54B	D55B	D56B	D57B	D58B	D59B	D5AB	D5BB	D5CB
C	芬	읊	픈	풀	퓌	펄	葩	피	팜	한	핫	헬	핵	חט	허
	D4EC	D4FC	D50C	D51C	D52C	D53C	D54C	D55C	D56C	D57C	D58C	D59C	D5AC	D5BC	D5CC
D	ფ	풍	웁	풀	퓌	퍽	핍	핫	항	핵	햅	חט	핵	햅	헛
	D4ED	D4FD	D50D	D51D	D52D	D53D	D54D	D55D	D56D	D57D	D58D	D59D	D5AD	D5BD	D5CD
E	ფ	풋	葩	풀	퓌	葩	퓌	肮	핫	햅	햅	חט	חט	חט	헛
	D4EE	D4FE	D50E	D51E	D52E	D53E	D54E	D55E	D56E	D57E	D58E	D59E	D5AE	D5BE	D5CE
F	芬	풋	葩	풀	퓌	葩	葩	핏	한	핫	햅	행	חט	햇	헌
	D4EF	D4FF	D50F	D51F	D52F	D53F	D54F	D55F	D56F	D57F	D58F	D59F	D5AF	D5BF	D5CF

	D5D	D5E	D5F	D60	D61	D62	D63	D64	D65	D66	D67	D68	D69	D6A	D6B
0	헐	헉	헵	혀	혐	헨	혔	흘	혹	핥	홰	햄	흰	휙	흘
	D5D0	D5E0	D5F0	D600	D610	D620	D630	D640	D650	D660	D670	D680	D690	D6A0	D6B0
1	헉	헐	헵	헉	협	헵	헹	홀	홀	핥	홱	왑	휩	횡	흙
	D5D1	D5E1	D5F1	D601	D611	D621	D631	D641	D651	D661	D671	D681	D691	D6A1	D6B1
2	헵	혔	헵	혀	협	헵	헵	홀	홀	핥	홱	왑	휩	횟	흠흠
	D5D2	D5E2	D5F2	D602	D612	D622	D632	D642	D652	D662	D672	D682	D692	D6A2	D6B2
3	헵	횡	헵	혓	혓	헨	헵	홀	홀	핥	홱	횃	흰	횟	흠흠
	D5D3	D5E3	D5F3	D603	D613	D623	D633	D643	D653	D663	D673	D683	D693	D6A3	D6B3
4	헵	헤	헴	현	혔	헬	헥	홀	화	함	한	했	힐	획	헵
	D5D4	D5E4	D5F4	D604	D614	D624	D634	D644	D654	D664	D674	D684	D694	D6A4	D6B4
5	헵	헥	헵	혔	형	헵	헵	홀	학	합	홱	행	휩	휩	헵
	D5D5	D5E5	D5F5	D605	D615	D625	D635	D645	D655	D665	D675	D685	D695	D6A5	D6B5
6	헵	헥	헵	혓	혓	헵	헵	홀	학	합	홱	행	휩	휩	헵
	D5D6	D5E6	D5F6	D606	D616	D626	D636	D646	D656	D666	D676	D686	D696	D6A6	D6B6
7	헵	헷	헵	현	혓	헵	헹	홀	홧	홧	홧	鬟	휩	횡	헵
	D5D7	D5E7	D5F7	D607	D617	D627	D637	D647	D657	D667	D677	D687	D697	D6A7	D6B7
8	험	헨	헵	혈	헥	헵	호	홈	환	홧	홱	홱	휩	효	흄
	D5D8	D5E8	D5F8	D608	D618	D628	D638	D648	D658	D668	D678	D688	D698	D6A8	D6B8
9	협	헵	헵	혈	혈	헵	혹	홈	홧	황	휩	휩	휩	혹	흄
	D5D9	D5E9	D5F9	D609	D619	D629	D639	D649	D659	D669	D679	D689	D699	D6A9	D6B9
A	헵	헵	헵	혈	혈	헵	훅	훅	홧	홧	홱	휩	휩	훅	헵
	D5DA	D5EA	D5FA	D60A	D61A	D62A	D63A	D64A	D65A	D66A	D67A	D68A	D69A	D6AA	D6BA
B	헵	헨	헵	혈	혈	헵	헹	훅	훅	홧	휩	휩	휩	훅	훅
	D5DB	D5EB	D5FB	D60B	D61B	D62B	D63B	D64B	D65B	D66B	D67B	D68B	D69B	D6AB	D6BB
C	헵	헬	헵	혈	혜	헴	흔	훅	핥	홱	홱	휩	휩	훅	헵
	D5DC	D5EC	D5FC	D60C	D61C	D62C	D63C	D64C	D65C	D66C	D67C	D68C	D69C	D6AC	D6BC
D	헹	헵	헵	혈	헥	헵	훅	훅	홍	홧	핥	홱	획	휩	헹
	D5DD	D5ED	D5FD	D60D	D61D	D62D	D63D	D64D	D65D	D66D	D67D	D68D	D69D	D6AD	D6BD
E	헵	헵	헵	혈	헥	헵	헵	훅	훅	핥	핥	휩	휩	헵	헵
	D5DE	D5EE	D5FE	D60E	D61E	D62E	D63E	D64E	D65E	D66E	D67E	D68E	D69E	D6AE	D6BE
F	헵	헵	헵	혈	헵	헵	헵	흔	훅	핥	홧	휩	휩	헵	헵
	D5DF	D5EF	D5FF	D60F	D61F	D62F	D63F	D64F	D65F	D66F	D67F	D68F	D69F	D6AF	D6BF

D6C0

## Hangul Syllables

D7AF

	D6C	D6D	D6E	D6F	D70	D71	D72	D73	D74	D75	D76	D77	D78	D79	D7A
0	흑	흑	휘	휩	훤	횃	훨	휙	흣	흐	흡	흰	혔	힐	헉
	D6C0	D6D0	D6E0	D6F0	D700	D710	D720	D730	D740	D750	D760	D770	D780	D790	D7A0
1	흩	흩	휙	휩	휑	휑	휑	휑	휑	흑	흡	휩	튕	汇报	汇报
	D6C1	D6D1	D6E1	D6F1	D701	D711	D721	D731	D741	D751	D761	D771	D781	D791	D7A1
2	효	효	휘	휩	휑	휑	휑	휑	휑	효	효	휑	휑	汇报	汇报
	D6C2	D6D2	D6E2	D6F2	D702	D712	D722	D732	D742	D752	D762	D772	D782	D792	D7A2
3	홍	홍	휋	휋	휑	휑	휑	휑	휑	홍	홍	휑	휑	汇报	汇报
	D6C3	D6D3	D6E3	D6F3	D703	D713	D723	D733	D743	D753	D763	D773	D783	D793	D7A3
4	후	홈	흰	汇报	휑	휑	휑	휑	휑	홈	홈	汇报	汇报	汇报	汇报
	D6C4	D6D4	D6E4	D6F4	D704	D714	D724	D734	D744	D754	D764	D774	D784	D794	
5	흑	흡	汇报	튕	휑	휑	휑	휑	휑	흑	흡	汇报	汇报	汇报	
	D6C5	D6D5	D6E5	D6F5	D705	D715	D725	D735	D745	D755	D765	D775	D785	D795	
6	汇报														
	D6C6	D6D6	D6E6	D6F6	D706	D716	D726	D736	D746	D756	D766	D776	D786	D796	
7	汇报	汇报	흰	汇报											
	D6C7	D6D7	D6E7	D6F7	D707	D717	D727	D737	D747	D757	D767	D777	D787	D797	
8	훈	汇报													
	D6C8	D6D8	D6E8	D6F8	D708	D718	D728	D738	D748	D758	D768	D778	D788	D798	
9	汇报														
	D6C9	D6D9	D6E9	D6F9	D709	D719	D729	D739	D749	D759	D769	D779	D789	D799	
A	汇报														
	D6CA	D6DA	D6EA	D6FA	D70A	D71A	D72A	D73A	D74A	D75A	D76A	D77A	D78A	D79A	
B	汇报														
	D6CB	D6DB	D6EB	D6FB	D70B	D71B	D72B	D73B	D74B	D75B	D76B	D77B	D78B	D79B	
C	汇报														
	D6CC	D6DC	D6EC	D6FC	D70C	D71C	D72C	D73C	D74C	D75C	D76C	D77C	D78C	D79C	
D	汇报														
	D6CD	D6DD	D6ED	D6FD	D70D	D71D	D72D	D73D	D74D	D75D	D76D	D77D	D78D	D79D	
E	汇报														
	D6CE	D6DE	D6EE	D6FE	D70E	D71E	D72E	D73E	D74E	D75E	D76E	D77E	D78E	D79E	
F	汇报														
	D6CF	D6DF	D6EF	D6FF	D70F	D71F	D72F	D73F	D74F	D75F	D76F	D77F	D78F	D79F	

	D7B	D7C	D7D	D7E	D7F
0	Ѐ	Ӑ	Ӗ	Ӗ	Ӗ
1	Ӯ	Ӗ	Ӗ	Ӗ	Ӗ
2	Ӱ	Ӗ	Ӗ	Ӗ	Ӗ
3	ӱ	Ӗ	Ӗ	Ӗ	Ӗ
4	Ӳ	Ӗ	Ӗ	Ӗ	Ӗ
5	ӳ	Ӗ	Ӗ	Ӗ	Ӗ
6	Ӵ	Ӗ	Ӗ	Ӗ	Ӗ
7	ӵ		Ӗ	Ӗ	Ӗ
8	Ӷ		Ӗ	Ӗ	Ӗ
9	ӷ		Ӗ	Ӗ	Ӗ
A	Ӹ		Ӗ	Ӗ	Ӗ
B	ӹ	Ӗ	Ӗ	Ӗ	Ӗ
C	ӻ	Ӗ	Ӗ	Ӗ	
D	ӻ	Ӗ	Ӗ	Ӗ	
E	ӻ	Ӗ	Ӗ	Ӗ	
F	ӻ	Ӗ	Ӗ	Ӗ	

**Old medial vowels**

D7B0	ㅏ	HANGUL JUNGSEONG O-YEO
D7B1	ㅓ	HANGUL JUNGSEONG O-O-I
D7B2	ㅗ	HANGUL JUNGSEONG YO-A
D7B3	ㅛ	HANGUL JUNGSEONG YO-AE
D7B4	ㅜ	HANGUL JUNGSEONG YO-EO
D7B5	ㅕ	HANGUL JUNGSEONG U-YEO
D7B6	ㅡ	HANGUL JUNGSEONG U-I-I
D7B7	ㅘ	HANGUL JUNGSEONG YU-AE
D7B8	ㅙ	HANGUL JUNGSEONG YU-O
D7B9	ㅚ	HANGUL JUNGSEONG EU-A
D7BA	ㅞ	HANGUL JUNGSEONG EU-EO
D7BB	ㅙ	HANGUL JUNGSEONG EU-E
D7BC	ㅜ	HANGUL JUNGSEONG EU-O
D7BD	ㅞ	HANGUL JUNGSEONG I-YA-O
D7BE	ㅢ	HANGUL JUNGSEONG I-YAE
D7BF	ㅢ	HANGUL JUNGSEONG I-YEO
D7C0	ㅢ	HANGUL JUNGSEONG I-YE
D7C1	ㅚ	HANGUL JUNGSEONG I-O-I
D7C2	ㅙ	HANGUL JUNGSEONG I-YO
D7C3	ㅙ	HANGUL JUNGSEONG I-YU
D7C4	ㅛ	HANGUL JUNGSEONG I-I
D7C5	.ㅓ	HANGUL JUNGSEONG ARAEA-A
D7C6	.ㅕ	HANGUL JUNGSEONG ARAEA-E

**Old final consonants**

D7CB	ㅌ	HANGUL JONGSEONG NIEUN-RIEUL
D7CC	ㅊ	HANGUL JONGSEONG NIEUN-CHIEUCH
D7CD	ㅋ	HANGUL JONGSEONG SSANGTIKEUT
D7CE	ㅌ	HANGUL JONGSEONG SSANGTIKEUT-PIEUP
D7CF	ㅍ	HANGUL JONGSEONG TIKEUT-PIEUP
D7D0	ㅌㅅ	HANGUL JONGSEONG TIKEUT-SIOS
D7D1	ㅌㅈ	HANGUL JONGSEONG TIKEUT-SIOS-KIYEOK
D7D2	ㅌㅊ	HANGUL JONGSEONG TIKEUT-CIEUC
D7D3	ㅌㅊ	HANGUL JONGSEONG TIKEUT-CHIEUCH
D7D4	ㅌㅌ	HANGUL JONGSEONG TIKEUT-THIEUTH
D7D5	ㅌㄹ	HANGUL JONGSEONG RIEUL-SSANGKIYEOK
D7D6	ㅌㅎ	HANGUL JONGSEONG RIEUL-KIYEOK-HIEUH
D7D7	ㅋㅋ	HANGUL JONGSEONG SSANGRIEUL-KHIEUKH
D7D8	ㅌㅌ	HANGUL JONGSEONG RIEUL-MIEUM-HIEUH
D7D9	ㅌㅌ	HANGUL JONGSEONG RIEUL-PIEUP-TIKEUT
D7DA	ㅌㅌ	HANGUL JONGSEONG RIEUL-PIEUP-PHIEUPH
D7DB	ㅌㅌ	HANGUL JONGSEONG RIEUL-YESIEUNG
D7DC	ㅌㅌ	HANGUL JONGSEONG RIEUL-YEORINHIEUH-HIEUH
D7DD	ㅎ	HANGUL JONGSEONG KAPYEOUNRIEUL
D7DE	ㅌ	HANGUL JONGSEONG MIEUM-NIEUN
D7DF	ㅌ	HANGUL JONGSEONG MIEUM-SSANGNIEUN
D7E0	ㅌ	HANGUL JONGSEONG SSANGMIEUM
D7E1	ㅌ	HANGUL JONGSEONG MIEUM-PIEUP-SIOS
D7E2	ㅌ	HANGUL JONGSEONG MIEUM-CIEUC
D7E3	ㅌ	HANGUL JONGSEONG PIEUP-TIKEUT
D7E4	ㅌ	HANGUL JONGSEONG PIEUP-RIEUL-PHIEUPH
D7E5	ㅌ	HANGUL JONGSEONG PIEUP-MIEUM
D7E6	ㅌ	HANGUL JONGSEONG SSANGPIEUP
D7E7	ㅌ	HANGUL JONGSEONG PIEUP-SIOS-TIKEUT
D7E8	ㅌ	HANGUL JONGSEONG PIEUP-CIEUC
D7E9	ㅌ	HANGUL JONGSEONG PIEUP-CHIEUCH
D7EA	ㅌ	HANGUL JONGSEONG SIOS-MIEUM
D7EB	ㅌ	HANGUL JONGSEONG SIOS-KAPYEOUNPIEUP
D7EC	ㅌ	HANGUL JONGSEONG SSANGSIOS-KIYEOK
D7ED	ㅌ	HANGUL JONGSEONG SSANGSIOS-TIKEUT

D7EE	ㅆ	HANGUL JONGSEONG SIOS-PANSIOS
D7EF	ㅆ	HANGUL JONGSEONG SIOS-CIEUC
D7F0	ㅆ	HANGUL JONGSEONG SIOS-CHIEUCH
D7F1	ㅆ	HANGUL JONGSEONG SIOS-THIEUTH
D7F2	ㅆ	HANGUL JONGSEONG SIOS-HIEUH
D7F3	ㅆ	HANGUL JONGSEONG PANSIOS-PIEUP
D7F4	ㅆ	HANGUL JONGSEONG PANSIOS-KAPYEOUNPIEUP
D7F5	ㅆ	HANGUL JONGSEONG YESIEUNG-MIEUM
D7F6	ㅆ	HANGUL JONGSEONG YESIEUNG-HIEUH
D7F7	ㅆ	HANGUL JONGSEONG CIEUC-PIEUP
D7F8	ㅆ	HANGUL JONGSEONG CIEUC-SSANGPIEUP
D7F9	ㅆ	HANGUL JONGSEONG SSANGCIEUC
D7FA	ㅆ	HANGUL JONGSEONG PHIEUPH-SIOS
D7FB	ㅆ	HANGUL JONGSEONG PHIEUPH-THIEUTH

This block, despite its name, contains a number of unified CJK ideographs. Those characters are individually identified by annotations.

Subheaders identifying sources for subranges do not indicate required usage or preclude mappings to other sources. For example, many pronunciation variants from KS X 1001:1998 are also mapped to a J source.

**Pronunciation variants from KS X 1001:1998**

F900 豆 151.3  
豆 K0-4B50  
≡ 8C48 崑

F901 更 73.3  
更 K0-4B56  
≡ 66F4 更

F902 車 159.0  
車 K0-4B67  
≡ 8ECA 車

F903 賈 154.6  
賈 K0-4D4F  
≡ 8CC8 賈

F904 滑 85.10  
滑 K0-4D68  
≡ 6ED1 滑

F905 串 1.2.6  
串 K0-4E2D  
≡ 4E32 串

F906 句 30.2  
句 K0-4F7B  
≡ 53E5 句

F907 龜 213.0  
龜 K0-5022  
≡ 9F9C 龜

F908 龜 213.0  
龜 K0-5038  
≡ 9F9C 龜

F909 契 37.6  
契 K0-5050  
≡ 5951 契

F90A 金 167.0  
金 K0-505D  
≡ 91D1 金

F90B 嘛 30.9  
𠮩 K0-5154  
≡ 5587 嘛

F90C 奈 37.5  
奈 K0-5155  
≡ 5948 奈

F90D 懶 61.16  
懶 K0-5158  
≡ 61F6 懶

F90E 癪 104.16  
癪 K0-515B  
≡ 7669 癪

F90F 罷 122.14  
罷 K0-515C  
≡ 7F85 罷

F910 蘿 140.19  
蘿 K0-515D  
≡ 863F 蘿

F911 螺 142.11  
螺 K0-515E  
≡ 87BA 螺

F912 裸 145.8  
裸 K0-515F  
≡ 88F8 裸

F913 邃 162.19  
邃 K0-5160  
≡ 908F 邃

F914 樂 75.11  
樂 K0-5162  
≡ 6A02 樂

F915 洛 85.6  
洛 K0-5163  
≡ 6D1B 洛

F916 烙 86.6  
烙 K0-5164  
≡ 70D9 烙

F917 珞 96.6  
珞 K0-5165  
≡ 73DE 珞

F918 落 140.9  
落 K0-5166  
≡ 843D 落

F919 酪 164.6  
酪 K0-5168  
≡ 916A 酪

F91A 駒 187.6  
駒 K0-5169  
≡ 99F1 駒

F91B 亂 5.12  
亂 K0-516A  
≡ 4E82 亂

F91C 卵 26.5  
卵 K0-516B  
≡ 5375 卵

F91D 欄 75.17  
欄 J3-763B  
欄 K0-516D  
≡ 6B04 欄

F91E 煥 86.17  
煥 K0-516F  
≡ 721B 煥

F91F 蘭 140.17  
蘭 K0-5170  
≡ 862D 蘭

F920 鶯 196.19  
鶯 K0-5172  
≡ 9E1E 鶯

F921 風 46.9  
風 K0-5176  
≡ 5D50 風

F922 濕 85.14  
濕 K0-517A  
≡ 6FEB 濕

F923 藍 140.14  
藍 K0-517C  
≡ 85CD 藍

F924 檻 145.14  
檻 K0-517D  
≡ 8964 檻

F925 拉 64.5  
拉 K0-517E  
≡ 62C9 拉

F926 臘 130.15  
臘 K0-5222  
≡ 81D8 臘

F927 蠟 142.15  
蠟 K0-5223  
≡ 881F 蠟

F928 廊 53.9  
廊 J3-742E  
廊 K0-5227  
≡ 5ECA 廊

F929 朗 74.7  
朗 J3-754E  
朗 K0-5228  
≡ 6717 朗

F92A 水 85.7 浪 K0-5229 ≡ 6D6A 浪	F939 魚 195.4 魯 K0-524D ≡ 9B6F 魯	F948 貝 154.6 賂 K0-5261 ≡ 8CC2 賂
F92B 犬 94.7 狼 K0-522A ≡ 72FC 狼	F93A 鳥 196.12 鷺 K0-524E ≡ 9DFA 鷺	F949 雨 173.5 雷 K0-5262 ≡ 96F7 雷
F92C 邑 163.6 郎 UCI-00945 ≡ 90CE 郎	F93B 石 112.8 碌 K0-524F ≡ 788C 碌	F94A 土 32.15 壘 K0-5264 ≡ 58D8 壘
F92D 人 9.6 來 K0-522D ≡ 4F86 來	F93C 示 113.8 祿 K0-5250 ≡ 797F 祿	F94B 戶 44.11 屢 K0-5265 ≡ 5C62 屢
F92E 氵 15.5 冷 K0-5232 ≡ 51B7 冷	F93D 糸 120.8 綠 K0-5251 ≡ 7DAO 綠	F94C 木 75.11 樓 K0-5266 ≡ 6A13 樓
F92F 力 19.10 勞 K0-523E ≡ 52DE 勞	F93E 艸 140.8 菉 K0-5252 ≡ 83C9 蔷	F94D 水 85.8 淚 K0-5267 ≡ 6DDA 淚
F930 手 64.13 擄 K0-5242 ≡ 64C4 擄	F93F 金 167.8 錄 K0-5253 ≡ 9304 錄	F94E 水 85.11 漏 K0-5268 ≡ 6FOF 漏
F931 木 75.15 櫓 K0-5243 ≡ 6AD3 櫓	F940 鹿 198.0 鹿 K0-5254 ≡ 9E7F 鹿	F94F 糸 120.5 累 K0-5269 ≡ 7D2F 累
F932 火 86.16 爐 K0-5244 ≡ 7210 爐	F941 言 149.8 論 K0-5255 ≡ 8AD6 論	F950 糸 120.11 縷 K0-526A ≡ 7E37 縷
F933 皿 108.11 盧 K0-5246 ≡ 76E7 盧	F942 土 32.16 龍 K0-5256 ≡ 58DF 龍	F951 阜 170.6 陋 K0-526B ≡ 964B 陋
F934 老 125.0 老 K0-5247 ≡ 8001 老	F943 丩 55.4 弄 K0-5257 ≡ 5F04 弄	F952 力 19.9 勒 K0-5270 ≡ 52D2 勒
F935 艸 140.16 蘆 K0-5248 ≡ 8606 蘆	F944 竹 118.16 籠 K0-5259 ≡ 7C60 篠	F953 肉 130.2 肋 K0-5271 ≡ 808B 肋
F936 虍 141.6 虍 J3-TB4F ≡ 865C 虍	F945 耳 128.16 聾 K0-525A ≡ 807E 聾	F954 氵 15.13 凜 K0-5272 ≡ 51DC 凜
F937 足 157.6 路 K0-524A ≡ 8DEF 路	F946 牛 93.3 牢 K0-525E ≡ 7262 牢	F955 氵 15.8 凌 K0-5273 ≡ 51CC 凌
F938 雨 173.12 露 K0-524B ≡ 9732 露	F947 石 112.10 磊 K0-525F ≡ 78CA 磊	F956 禾 115.8 稜 K0-5274 ≡ 7A1C 稜

F957 糸 120.8  K0-5275 ≡ 7DBE 綾	F966 彳 60.9  K0-5D25 ≡ 5FA9 復	F975 手 64.8  K0-6531 ≡ 63AO 掠
F958 艸 140.8  K0-5277 ≡ 83F1 菱	F967 一 1.3  K0-5D55 ≡ 4E0D 不	F976 田 102.6  K0-6532 ≡ 7565 略
F959 阜 170.8  K0-5278 ≡ 9675 陵	F968 水 85.5  K0-5D74 ≡ 6CCC 泌	F977 一 8.7  K0-6539 ≡ 4EAЕ 亮
F95A 言 149.15  K0-5466 ≡ 8B80 讀	F969 攴 66.11  K0-5E7C ≡ 6578 數	F978 入 11.6  K0-653B ≡ 5169 兩
F95B 手 64.5  K0-547C ≡ 62CF 拧	F96A 糸 120.4  K0-5E7E ≡ 7D22 索	F979 氵 15.8  K0-653C ≡ 51C9 涼
F95C 木 75.11  K0-5525 ≡ 6A02 樂	F96B △ 28.9  K0-5F33 ≡ 53C3 參	F97A 木 75.7  K0-6544 ≡ 6881 梁
F95D 言 149.9  K0-552B ≡ 8AFE 諮	F96C 土 32.10  K0-5F61 ≡ 585E 塞	F97B 米 119.12  K0-654E ≡ 7CE7 糧
F95E . 3.3  K0-552E ≡ 4E39 丹	F96D 目 109.4  K0-5F68 ≡ 7701 省	F97C 艮 138.1  K0-6550 ≡ 826F 良
F95F 宀 40.11  K0-5638 ≡ 5BE7 寧	F96E 艸 140.9  K0-6071 ≡ 8449 葉	F97D 言 149.8  K0-6552 ≡ 8AD2 諒
F960 心 61.5  K0-564D ≡ 6012 怒	F96F 言 149.7  K0-612D ≡ 8AAA 說	F97E 里 166.5  K0-6556 ≡ 91CF 量
F961 玄 95.6  K0-574B ≡ 7387 率	F970 殳 79.7  J3-7649 K0-616D ≡ 6BBA 殺	F97F 力 19.15  K0-657A ≡ 52F5 勵
F962 田 102.7  K0-5764 ≡ 7570 異	F971 辰 161.0  K0-6375 ≡ 8FB0 辰	F980 口 30.4  K0-657B ≡ 5442 吕
F963 匕 21.3  K0-5B45 ≡ 5317 北	F972 水 85.4  K0-6421 ≡ 6C88 沈	F981 女 38.0  K0-657C ≡ 5973 女
F964 石 112.12  K0-5B64 ≡ 78FB 磻	F973 手 64.6  K0-6429 ≡ 62FE 拾	F982 广 53.16  K0-657E ≡ 5EEC 廬
F965 人 9.7  K0-5C25 ≡ 4FBF 便	F974 艸 140.5  K0-652E ≡ 82E5 若	F983 方 70.6  K0-6621 ≡ 65C5 旅

F984 水 85.15 濾 K0-6624 ≡ 6FFE 濾	F993 火 86.9 煉 K0-6656 ≡ 7149 煉	F9A2 宀 53.10 廉 K0-6675 ≡ 5EC9 廉
F985 石 112.15 礪 K0-6627 ≡ 792A 矩	F994 玉 96.11 璉 K0-6659 ≡ 7489 璉	F9A3 心 61.4 念 K0-6676 ≡ 5FF5 念
F986 門 169.7 閭 K0-662D ≡ 95AD 閭	F995 禾 115.3 季 K0-665C ≡ 79CA 季	F9A4 手 64.8 捻 K0-6677 ≡ 637B 捻
F987 馬 187.19 驥 K0-662F ≡ 9A6A 驥	F996 糸 120.9 練 K0-665F ≡ 7DF4 練	F9A5 歹 78.13 殮 K0-6679 ≡ 6BAE 殮
F988 鹿 198.8 麗 K0-6630 ≡ 9E97 麗	F997 耳 128.11 聯 K0-6661 ≡ 806F 聯	F9A6 竹 118.13 簾 K0-6721 ≡ 7C3E 簾
F989 黍 202.3 黎 K0-6631 ≡ 9ECE 黎	F998 車 159.8 輦 K0-6664 ≡ 8F26 輦	F9A7 犬 94.15 獵 K0-6726 ≡ 7375 獵
F98A 力 19.0 力 K0-6633 ≡ 529B 力	F999 艸 140.11 蓮 K0-6665 ≡ 84EE 蓮	F9A8 人 9.3 令 K0-6729 ≡ 4EE4 令
F98B 日 72.12 曆 K0-6637 ≡ 66C6 曆	F99A 辵 162.7 連 K0-6666 ≡ 9023 連	F9A9 口 31.5 𠂔 K0-672A ≡ 56F9 𠂔
F98C 止 77.12 歷 K0-6638 ≡ 6B77 曆	F99B 金 167.9 鍊 K0-6668 ≡ 934A 鍊	F9AA 宀 40.11 寧 K0-672C ≡ 5BE7 寧
F98D 車 159.15 轢 K0-663C ≡ 8F62 轢	F99C 刀 18.4 列 K0-666A ≡ 5217 列	F9AB 山 46.14 嶺 K0-672D ≡ 5DBA 嶺
F98E 干 51.3 年 K0-6644 ≡ 5E74 年	F99D 力 19.4 劣 K0-666B ≡ 52A3 劣	F9AC 心 61.5 怜 K0-6730 ≡ 601C 怜
F98F 心 61.12 憐 K0-6646 ≡ 6190 憐	F99E 口 30.6 咽 K0-666C ≡ 54BD 咽	F9AD 玉 96.5 玲 K0-673F ≡ 73B2 玲
F990 心 61.19 戀 K0-6647 ≡ 6200 戀	F99F 火 86.6 烈 K0-666F ≡ 70C8 烈	F9AE 玉 96.10 瑩 K0-6741 ≡ 7469 瑩
F991 手 64.12 撚 K0-664A ≡ 649A 撫	F9A0 衣 145.6 裂 K0-6671 ≡ 88C2 裂	F9AF 羊 123.5 羚 K0-6746 ≡ 7F9A 羚
F992 水 85.11 漣 K0-6652 ≡ 6F23 漣	F9A1 言 149.7 說 K0-6672 ≡ 8AAA 說	F9B0 耳 128.5 聆 K0-6747 ≡ 8046 聴

F9B1 金 167.5 鈴 K0-674B ≡ 9234 鈴	F9C0 火 86.12 燎 K0-687B ≡ 71CE 燎	F9CF 糸 120.4 紐 K0-6B2A ≡ 7D10 紐
F9B2 雨 173.5 零 K0-674D ≡ 96F6 零	F9C1 扌 104.12 療 K0-687E ≡ 7642 療	F9D0 頁 181.10 類 J3-7E24 K0-6B3A ≡ 985E 類
F9B3 雨 173.16 靈 K0-674F ≡ 9748 靈	F9C2 艸 140.11 蓼 K0-6927 ≡ 84FC 蓼	F9D1 八 12.2 六 K0-6B3B ≡ 516D 六
F9B4 頁 181.5 領 K0-6750 ≡ 9818 領	F9C3 辵 162.12 遼 K0-692C ≡ 907C 遼	F9D2 戈 62.11 戮 K0-6B3D ≡ 622E 戢
F9B5 人 9.6 例 K0-6753 ≡ 4F8B 例	F9C4 龍 212.0 龍 K0-694C ≡ 9F8D 龍	F9D3 阜 170.8 陸 K0-6B41 ≡ 9678 陸
F9B6 示 113.13 禮 K0-675F ≡ 79AE 禮	F9C5 日 72.9 暈 K0-6977 ≡ 6688 暈	F9D4 人 9.8 倫 K0-6B42 ≡ 502B 倫
F9B7 酉 164.13 醴 K0-6764 ≡ 91B4 醴	F9C6 阜 170.4 阮 K0-6A41 ≡ 962E 阮	F9D5 山 46.8 崙 K0-6B46 ≡ 5D19 崙
F9B8 隶 171.9 隶 UCI-00946 → 96B7 隸 cjk unified ideograph-96B7 ≡ 96B8 隸	F9C7 刀 18.13 劉 K0-6A65 ≡ 5289 劉	F9D6 水 85.8 淪 K0-6B47 ≡ 6DEA 淪
F9B9 心 61.8 惡 K0-6777 ≡ 60E1 惡	F9C8 木 75.4 杻 K0-6A74 ≡ 677B 扳	F9D7 車 159.8 輪 K0-6B4C ≡ 8F2A 輪
F9BA 丶 6.1 了 K0-6867 ≡ 4E86 了	F9C9 木 75.5 柳 K0-6A77 ≡ 67F3 柳	F9D8 彳 60.6 律 K0-6B4F ≡ 5F8B 律
F9BB 人 9.12 僚 K0-6868 ≡ 50DA 僚	F9CA 水 85.6 流 K0-6A7C ≡ 6D41 流	F9D9 心 61.10 慄 K0-6B50 ≡ 6144 慄
F9BC 宀 40.12 寮 K0-6870 ≡ 5BEE 寮	F9CB 水 85.10 溜 K0-6A7E ≡ 6E9C 溜	F9DA 木 75.6 栗 K0-6B51 ≡ 6817 栗
F9BD 戶 44.4 尿 K0-6871 ≡ 5C3F 尿	F9CC 玉 96.6 琉 K0-6B24 ≡ 7409 琉	F9DB 玄 95.6 率 K0-6B52 ≡ 7387 率
F9BE 斗 68.6 料 K0-6877 ≡ 6599 料	F9CD 田 102.5 留 K0-6B27 ≡ 7559 留	F9DC 阜 170.9 隆 J3-7D5D K0-6B58 ≡ 9686 隆
F9BF 木 75.11 樂 K0-6879 ≡ 6A02 樂	F9CE 石 112.7 硫 K0-6B29 ≡ 786B 硫	F9DD 刀 18.5 利 K0-6C26 ≡ 5229 利

F9DE 口 30.3 吏 K0-6C27 ≡ 540F 吏	F9ED 口 30.4 客 K0-6C55 ≡ 541D 客	F9FC 言 149.12 識 K0-723D ≡ 8B58 識
F9DF 戶 44.12 履 K0-6C2A ≡ 5C65 履	F9EE 火 86.12 熾 K0-6C5D ≡ 71D0 熾	F9FD 人 9.2 什 K0-727A ≡ 4EC0 什
F9E0 日 72.4 易 K0-6C2F ≡ 6613 易	F9EF 玉 96.12 璘 K0-6C5E ≡ 7498 璞	F9FE 艸 140.6 荼 K0-7331 ≡ 8336 茶
F9E1 木 75.3 李 K0-6C30 ≡ 674E 李	F9F0 艸 140.16 蘭 K0-6C61 ≡ 85FA 蘭	F9FF 刀 18.6 刺 K0-7427 ≡ 523A 刺
F9E2 木 75.7 梨 K0-6C31 ≡ 68A8 梨	F9F1 阜 170.12 隣 K0-6C64 ≡ 96A3 隣	FA00 刀 18.2 切 K0-746E ≡ 5207 切
F9E3 水 85.5 泥 K0-6C32 ≡ 6CE5 泥	F9F2 魚 195.12 鱗 K0-6C67 ≡ 9C57 鱗	FA01 宀 53.6 度 K0-7674 ≡ 5EA6 度
F9E4 玉 96.7 理 K0-6C35 ≡ 7406 理	F9F3 鹿 198.12 麟 K0-6C68 ≡ 9E9F 麟	FA02 手 64.5 拓 K0-7676 ≡ 62D3 拓
F9E5 扌 104.7 痢 K0-6C38 ≡ 75E2 痢	F9F4 木 75.4 林 K0-6C77 ≡ 6797 林	FA03 米 119.10 糖 K0-7738 ≡ 7CD6 糖
F9E6 网 122.11 罹 K0-6C3A ≡ 7F79 罹	F9F5 水 85.8 淋 K0-6C78 ≡ 6DCB 淋	FA04 宀 40.3 宅 K0-7748 ≡ 5B85 宅
F9E7 衣 145.7 裏 K0-6C40 ≡ 88CF 裹	F9F6 臣 131.11 臨 K0-6C7A ≡ 81E8 臨	FA05 水 85.6 洞 K0-7753 ≡ 6D1E 洞
F9E8 衣 145.7 裡 K0-6C41 ≡ 88E1 裡	F9F7 立 117.0 立 K0-6D21 ≡ 7ACB 立	FA06 日 72.11 暴 K0-785B ≡ 66B4 暴
F9E9 里 166.0 里 K0-6C45 ≡ 91CC 里	F9F8 竹 118.5 笠 K0-6D22 ≡ 7B20 笠	FA07 車 159.9 輜 K0-7870 ≡ 8F3B 輜
F9EA 隹 172.11 離 K0-6C46 ≡ 96E2 離	F9F9 米 119.5 粒 K0-6D23 ≡ 7C92 粒	FA08 行 144.0 行 K0-7A21 ≡ 884C 行
F9EB 匚 23.9 匿 K0-6C49 ≡ 533F 匿	F9FA 犬 94.4 狀 K0-6D6E ≡ 72C0 狀	FA09 阜 170.6 降 K0-7A22 ≡ 964D 降
F9EC 水 85.10 溺 K0-6C4A ≡ 6EBA 溺	F9FB 火 86.4 炙 K0-6E5B ≡ 7099 炙	FA0A 見 147.0 見 K0-7A66 ≡ 898B 見

FA0B 广 53.11  K0-7C29 ≡ 5ED3 廓	FA18 示 113.1  UTC-00922 ≡ 793C 礼	FA27 金 167.7  UTC-00852 • a CJK unified ideograph
<b>Duplicate characters from Big 5</b>		
FA0C 儿 10.1  HB2-C94A UTC-00915 ≡ 5140 兀	FA19 示 113.5  J3-793C UTC-00923 ≡ 795E 神	FA28 金 167.8  TF-584C UTC-00853 • a CJK unified ideograph
FA0D 口 30.10  HB2-DDFC UTC-00916 ≡ 55C0 鳔	FA1A 示 113.6  J3-793D UTC-00924 ≡ 7965 祥	FA29 阜 170.10  UTC-00854 • a CJK unified ideograph
<b>The IBM 32 compatibility ideographs</b>		
This section contains twelve characters that are CJK unified ideographs. Each CJK unified ideograph is annotated as such.		
FA0E 又 29.11  UTC-00843 • a CJK unified ideograph	FA1B 示 113.9  J3-7941 UTC-00925 ≡ 798F 福	FA2A 食 184.4  UTC-00933 ≡ 98EF 飯
FA0F 土 32.7  J3-2F4B UTC-00844 • a CJK unified ideograph	FA1C 青 174.5  UTC-00926 ≡ 9756 靖	FA2B 食 184.5  UTC-00934 ≡ 98FC 飼
FA10 土 32.10  J3-2F57 UTC-00917 ≡ 585A 塚	FA1D 米 119.8  UTC-00927 ≡ 7CBE 精	FA2C 食 184.8  UTC-00935 ≡ 9928 館
FA11 山 46.9  J3-4F72 UTC-00845 • a CJK unified ideograph	FA1E 羽 124.0  UTC-00928 ≡ 7FB3 羽	FA2D 鳥 196.10  UTC-00936 ≡ 9DB4 鶴
FA12 日 72.8  UTC-00918 ≡ 6674 晴	FA1F 艸 140.13  JA-264B UTC-00848 • a CJK unified ideograph	<b>Korean compatibility ideographs</b>
FA13 木 75.9  J4-2E79 UTC-00846 • a CJK unified ideograph	FA20 艸 140.17  JA-7738 UTC-00929 ≡ 8612 蕃	FA2E 邑 163.7  K0-522B ≡ 90DE 郡
FA14 木 75.10  J3-757A UTC-00847 • a CJK unified ideograph	FA21 虫 142.5  J4-7745 UTC-00849 • a CJK unified ideograph	FA2F 隶 171.8  K0-6766 ≡ 96B7 隸
FA15 氵 15.14  J3-775A UTC-00919 ≡ 51DE 濁	FA22 言 149.9  J3-7C2E UTC-00930 ≡ 8AF8 諸	<b>JIS X 0213 compatibility ideographs</b>
FA16 犬 94.8  J3-776F UTC-00920 ≡ 732A 猪	FA23 走 156.4  JA-2728 UTC-00850 • a CJK unified ideograph	FA30 人 9.7  J3-2E38 ≡ 4FAE 每
FA17 皿 108.5  UTC-00921 ≡ 76CA 益	FA24 辵 162.4  J4-796E V2-8544 UTC-00851 • a CJK unified ideograph	FA31 人 9.12  J3-2E49 ≡ 50E7 僧
	FA25 辵 162.8  UTC-00931 ≡ 9038 逸	FA32 儿 10.6  J3-2E50 ≡ 514D 免
	FA26 邑 163.9  J3-7C6A UTC-00932 ≡ 90FD 都	FA33 力 19.7  J3-2E63 ≡ 52C9 勉
		FA34 力 19.11  J3-2E68 ≡ 52E4 勤

FA35 十 24.6 卑 J3-2E6E ≡ 5351 卑	FA44 木 75.7 梅 J3-7665 ≡ 6885 梅	FA53 示 113.9 禎 J3-7940 ≡ 798E 禎
FA36 口 30.9 喝 J3-2F2C ≡ 559D 喝	FA45 水 85.7 海 J3-7669 ≡ 6D77 海	FA54 禾 115.10 穀 J3-794D ≡ 7A40 穀
FA37 口 30.11 嘆 J3-2F2F ≡ 5606 嘆	FA46 水 85.8 渚 J3-7677 ≡ 6E1A 渚	FA55 穴 116.4 突 J3-7951 ≡ 7A81 突
FA38 口 30.13 器 J3-2F36 ≡ 5668 器	FA47 水 85.11 漢 J3-7725 ≡ 6F22 漢	FA56 竹 118.7 節 J3-7964 ≡ 7BC0 節
FA39 土 32.9 屏 J3-2F5A ≡ 5840 屏	FA48 火 86.8 煮 J3-7755 ≡ 716E 煮	FA57 糸 120.9 練 J3-7A2E ≡ 7DF4 練
FA3A 土 32.12 墨 J3-2F5E ≡ 58A8 墨	FA49 爪 87.0 𠂇 J4-7029 ≡ 722B 𠂇	FA58 糸 120.10 縉 J4-7450 ≡ 7E09 縉
FA3B 戶 44.12 層 J3-4F61 ≡ 5C64 層	FA4A 玉 96.8 琢 J3-7825 ≡ 7422 琢	FA59 糸 120.11 繁 J3-7A33 ≡ 7E41 繁
FA3C 中 45.0 中 J3-4F62 ≡ 5C6E 中	FA4B 石 112.8 碑 J3-7927 ≡ 7891 碑	FA5A 网 122.8 署 J3-7A3A ≡ 7F72 署
FA3D 心 61.7 悔 J3-7450 ≡ 6094 悔	FA4C 示 113.3 社 J3-7933 ≡ 793E 社	FA5B 老 125.4 者 J3-7A44 ≡ 8005 者
FA3E 心 61.9 慨 J3-745C ≡ 6168 慨	FA4D 示 113.4 祉 J3-7934 ≡ 7949 祉	FA5C 自 132.4 臭 J3-7A58 ≡ 81ED 臭
FA3F 心 61.12 憎 J3-745E ≡ 618E 憎	FA4E 示 113.4 祈 J3-7937 ≡ 7948 祈	FA5D 艸 140.0 𢵠 J4-7574 ≡ 8279 𢵠
FA40 心 61.15 懲 J3-7461 ≡ 61F2 懲	FA4F 示 113.5 祐 J3-7938 ≡ 7950 祐	FA5E 艸 140.0 𢵠 J4-7575 ≡ 8279 𢵠
FA41 支 66.7 敏 J3-7528 ≡ 654F 敏	FA50 示 113.5 祖 J3-7939 ≡ 7956 祖	FA5F 艸 140.8 著 J3-7B27 ≡ 8457 著
FA42 无 71.5 既 J3-752B ≡ 65E2 既	FA51 示 113.5 祝 J3-793B ≡ 795D 祝	FA60 衣 145.9 褐 J3-7B6F ≡ 8910 褐
FA43 日 72.8 暑 J3-7543 ≡ 6691 暑	FA52 示 113.9 禍 J3-793F ≡ 798D 禍	FA61 見 147.4 視 J3-7B79 ≡ 8996 視

FA62 言 149.9 謁 J3-7C2F ≡ 8B01 謁	FA72 入 11.4 全 KP1-34D0 ≡ 5168 全	FA81 女 38.14 𡇣 KP1-3DFC ≡ 5B28 嫣
FA63 言 149.11 謹 J3-7C30 ≡ 8B39 謹	FA73 人 9.6 俐 KP1-35DE ≡ 4F80 俐	FA82 广 53.11 𠂇 KP1-414E ≡ 5ED2 廥
FA64 貝 154.7 賓 J3-7C38 ≡ 8CD3 賓	FA74 儿 10.4 充 KP1-3714 ≡ 5145 充	FA83 广 53.12 𠂆 KP1-416B ≡ 5ED9 廃
FA65 貝 154.12 贈 J3-7C3D ≡ 8D08 贈	FA75 八 12.14 冀 KP1-3740 ≡ 5180 冀	FA84 彑 59.8 彩 KP1-41FB ≡ 5F69 彩
FA66 辵 162.0 之 J4-7969 ≡ 8FB6 之	FA76 力 19.7 勇 KP1-383E ≡ 52C7 勇	FA85 彳 60.10 徭 KP1-4244 ≡ 5FAD 猶
FA67 辵 162.8 逸 J3-7C59 ≡ 9038 逸	FA77 匚 20.1 勺 KP1-3862 ≡ 52FA 勺	FA86 心 61.8 惄 KP1-4348 ≡ 60D8 惄
FA68 隹 172.11 難 J3-7D63 ≡ 96E3 難	FA78 口 30.9 喝 KP1-39E5 ≡ 559D 喝	FA87 心 61.10 慎 KP1-437E ≡ 614E 慎
FA69 音 180.11 響 J3-7D76 ≡ 97FF 響	FA79 口 30.8 啕 KP1-39EF ≡ 5555 喙	FA88 心 61.9 愈 KP1-4399 ≡ 6108 愈
FA6A 頁 181.7 頻 J3-7D7B ≡ 983B 頻	FA7A 口 30.9 喙 KP1-3A42 ≡ 5599 喙	FA89 心 61.12 憎 KP1-43FF ≡ 618E 憎
<b>ARIB compatibility ideographs</b>	FA7B 口 30.10 嗌 KP1-3A48 ≡ 55E2 嘗	FA8A 心 61.11 懥 KP1-4410 ≡ 6160 懥
FA6B 心 61.7 惠 JARIB-7547 ≡ 6075 惠	FA7C 土 32.10 塚 KP1-3BEE ≡ 585A 塚	FA8B 心 61.15 懲 KP1-4486 ≡ 61F2 懲
FA6C 火 86.10 熙 JARIB-7563 ≡ 242EE 熙	FA7D 土 32.12 墳 KP1-3C51 ≡ 58B3 墳	FA8C 戈 62.13 戴 KP1-4505 ≡ 6234 戴
FA6D 口 30.13 館 JARIB-762B ≡ 8218 館	FA7E 大 37.5 奄 KP1-3CAF ≡ 5944 奄	FA8D 手 64.9 揜 KP1-469B ≡ 63C4 揜
<b>DPRK compatibility ideographs</b>	FA7F 大 37.6 奔 KP1-3CB2 ≡ 5954 奔	FA8E 手 64.10 搜 KP1-46C4 ≡ 641C 搜
FA70 一 1.7 並 KP1-341D ≡ 4E26 並	FA80 女 38.8 婢 KP1-3D45 ≡ 5A62 婢	FA8F 手 64.9 摒 KP1-46F9 ≡ 6452 摆
FA71 冂 15.5 况 KP1-347E ≡ 51B5 况		

FA90 支 66.7 KP1-480E ≡ 6556 敝	FA9F 犬 94.2 KP1-5786 ≡ 72AF 犯	FAAE 米 119.3 KP1-659F ≡ 7C7B 类
FA91 日 72.8 KP1-4994 ≡ 6674 晴	FAA0 犬 94.8 KP1-57FE ≡ 732A 猪	FAAF 糸 120.7 KP1-66BA ≡ 7D5B 條
FA92 月 74.7 KP1-4A42 ≡ 6717 朗	FAA1 玉 96.10 KP1-597A ≡ 7471 琐	FAB0 糸 120.9 KP1-671B ≡ 7DF4 練
FA93 月 74.7 KP1-4A4B ≡ 671B 望	FAA2 瓦 98.9 KP1-5A5D ≡ 7506 瓦	FAB1 缶 121.6 KP1-6873 ≡ 7F3E 餅
FA94 木 75.3 KP1-4ABD ≡ 6756 杖	FAA3 田 102.3 KP1-5ABB ≡ 753B 画	FAB2 老 125.4 KP1-69B1 ≡ 8005 者
FA95 歹 78.0 KP1-4F27 ≡ 6B79 反	FAA4 扌 104.10 KP1-5BF5 ≡ 761D 痞	FAB3 艸 140.6 KP1-6DBB ≡ 8352 荒
FA96 殳 79.7 KP1-4FA9 ≡ 6BBA 殺	FAA5 扌 104.9 KP1-5BF9 ≡ 761F 瘟	FAB4 艸 140.8 KP1-6E6C ≡ 83EF 華
FA97 水 85.6 KP1-5128 ≡ 6D41 流	FAA6 皿 108.5 KP1-5D48 ≡ 76CA 益	FAB5 虫 142.10 KP1-7250 ≡ 8779 蝕
FA98 水 85.10 KP1-5281 ≡ 6EDB 滂	FAA7 皿 108.6 KP1-5D5C ≡ 76DB 盛	FAB6 衣 145.11 KP1-7451 ≡ 8941 褚
FA99 水 85.9 KP1-52B4 ≡ 6ECB 滋	FAA8 目 109.3 KP1-5D91 ≡ 76F4 直	FAB7 丌 146.12 KP1-74C8 ≡ 8986 覆
FA9A 水 85.11 KP1-5336 ≡ 6F22 漢	FAA9 目 109.7 KP1-5DF3 ≡ 774A 眇	FAB8 示 113.7 KP1-74D4 ≡ 8996 視
FA9B 水 85.16 KP1-53FA ≡ 701E 潤	FAAA 目 109.7 123. KP1-5E08 ≡ 7740 着	FAB9 言 149.8 KP1-769A ≡ 8ABF 調
FA9C 火 86.8 KP1-5559 ≡ 716E 烹	FAAB 石 112.10 KP1-6083 ≡ 78CC 碉	FABA 言 149.9 KP1-769E ≡ 8AF8 諸
FA9D 目 109.12 KP1-561F ≡ 77A7 瞧	FAAC 穴 116.10 KP1-6330 ≡ 7AB1 簠	FABB 言 149.8 KP1-76A4 ≡ 8ACB 請
FA9E 爪 87.14 KP1-5678 ≡ 7235 爵	FAAD 竹 118.7 KP1-6435 ≡ 7BC0 節	FABC 言 149.9 KP1-76B3 ≡ 8B01 謁

FABD 言 149.9	諾 KP1-76C2 ≡ 8AFE 諾	FACC 頁 181.7	頻 KP1-8705 ≡ 983B 頻
FABE 言 149.9	諭 KP1-76F1 ≡ 8AED 諭	FACD 影 190.10	鬢 KP1-8BAB ≡ 9B12 鬢
FABF 言 149.11	謹 KP1-76FD ≡ 8B39 謹	FACE 龜 213.0	龜 KP1-927F ≡ 9F9C 龜
FAC0 言 149.16	變 KP1-77CB ≡ 8B8A 變	FACF 心 61.12	慄 KP1-441C ≡ 2284A 慄
FAC1 貝 154.12	贈 KP1-7976 ≡ 8D08 贈	FAD0 心 61.12	惛 KP1-443E ≡ 22844 惘
FAC2 車 159.9	輸 KP1-7CAE ≡ 8F38 輸	FAD1 木 75.4	桃 KP1-4B26 ≡ 233D5 桃
FAC3 辵 162.12	遲 KP1-7DF1 ≡ 9072 遲	FAD2 木 75.9	榴 KP1-4CE2 ≡ 3B9D 榴
FAC4 酉 164.10	醡 KP1-7F3E ≡ 9199 醡	FAD3 目 109.4	眒 KP1-5DF6 ≡ 4018 眂
FAC5 金 167.6	釗 KP1-80CE ≡ 9276 鈚	FAD4 目 109.7	眎 UCI-00947 • mapping change removed original source → 2F949 眎 cjk compatibility ideograph- 2F949 ≡ 4039 眂
FAC6 阜 170.9	陥 KP1-8340 ≡ 967C 陥	FAD5 目 109.10	睇 KP1-5EBB ≡ 25249 瞇
FAC7 隹 172.11	難 KP1-8404 ≡ 96E3 難	FAD6 竹 118.12	箇 KP1-654F ≡ 25CD0 簇
FAC8 青 174.5 117.	靖 KP1-84E4 ≡ 9756 靖	FAD7 走 156.6	趨 KP1-7AOA ≡ 27ED3 趨
FAC9 韋 178.11	韋 KP1-862D ≡ 97DB 輯	FAD8 鼻 209.9	鼻 KP1-91E5 ≡ 9F43 鼻
FACA 音 180.11	響 KP1-866A ≡ 97FF 響	FAD9 龍 212.2	龐 KP1-9273 ≡ 9F8E 龐
FACB 頁 181.4	頤 KP1-869A ≡ 980B 願		

	FB0	FB1	FB2	FB3	FB4
0	ff FB00		נ FB20	אָ FB30	כּ FB40
1	fi FB01		אֵ FB21	בּ FB31	סּ FB41
2	fl FB02		גּ FB22	אֶ FB32	
3	ffi FB03	ſſ FB13	תּ FB23	תְּ FB33	תַּ FB43
4	ffl FB04	ſſ FB14	כּ FB24	תְּ FB34	פּ FB44
5	ſt FB05	ſſ FB15	לּ FB25	וּ FB35	
6	ſſt FB06	ſſ FB16	□ FB26	׮ FB36	׮ FB46
7		ſſ FB17	גּ FB27		קּ FB47
8			תּ FB28	טּ FB38	הּ FB48
9			׮ FB29	׮ FB39	׮ FB49
A			׮ FB2A	׮ FB3A	׮ FB4A
B			׮ FB2B	׮ FB3B	׮ FB4B
C			׮ FB2C	׮ FB3C	׮ FB4C
D		׮ FB1D	׮ FB2D		׮ FB4D
E		׮ FB1E	׮ FB2E	׮ FB3E	׮ FB4E
F		׮ FB1F	׮ FB2F		׮ FB4F

## Latin ligatures

*See the Basic Latin block starting at 0020*

FB00	ff	LATIN SMALL LIGATURE FF ≈ 0066 f 0066 f
FB01	fi	LATIN SMALL LIGATURE FI ≈ 0066 f 0069 i
FB02	fl	LATIN SMALL LIGATURE FL ≈ 0066 f 006C1
FB03	ffi	LATIN SMALL LIGATURE FFI ≈ 0066 f 0066 f 0069 i
FB04	ffl	LATIN SMALL LIGATURE FFL ≈ 0066 f 0066 f 006C1
FB05	ft	LATIN SMALL LIGATURE LONG S T ≈ 017F f 0074 t
FB06	st	LATIN SMALL LIGATURE ST ≈ 0073 s 0074 t

## Armenian ligatures

*See the Armenian block starting at 0530*

FB13	<b>՚</b>	ARMENIAN SMALL LIGATURE MEN NOW ≈ 0574 ՚ 0576 ՚
FB14	<b>՚՚</b>	ARMENIAN SMALL LIGATURE MEN ECH ≈ 0574 ՚՚ 0565 ՚՚
FB15	<b>՚՚՚</b>	ARMENIAN SMALL LIGATURE MEN INI ≈ 0574 ՚՚՚ 056B ՚՚՚
FB16	<b>՚՚՚՚</b>	ARMENIAN SMALL LIGATURE VEW NOW ≈ 057E ՚՚՚՚ 0576 ՚՚՚՚
FB17	<b>՚՚՚՚՚</b>	ARMENIAN SMALL LIGATURE MEN XEH ≈ 0574 ՚՚՚՚՚ 056D ՚՚՚՚՚

## Hebrew presentation forms

*See the Hebrew block starting at 0590*

FB1D	?	HEBREW LETTER YOD WITH HIRIQ ≡ 05D9 ֚ 05B4 ֙
FB1E	࠵;	HEBREW POINT JUDEO-SPANISH VARIKA • a glyph variant of 05BF ຕ
FB1F	࠵ׁ;	HEBREW LIGATURE YIDDISH YOD YOD PATAH ≡ 05F2 ࠵ׁׁ 05B7 ֙
FB20	࠵ׁ;	HEBREW LETTER ALTERNATIVE AYIN • this form of AYIN has no descender, for use with marks placed below the letter ≈ <font> 05E2 ພ hebrew letter ayin
FB21	࠵ׁ;	HEBREW LETTER WIDE ALEF ≈ <font> 05D0 ສ hebrew letter alef
FB22	࠵ׁ;	HEBREW LETTER WIDE DALET ≈ <font> 05D3 ຮ hebrew letter dalet
FB23	࠵ׁ;	HEBREW LETTER WIDE HE ≈ <font> 05D4 ຯ hebrew letter he
FB24	࠵ׁ;	HEBREW LETTER WIDE KAF ≈ <font> 05DB ອ hebrew letter kaf
FB25	࠵ׁ;	HEBREW LETTER WIDE LAMED ≈ <font> 05DC ລ hebrew letter lamed
FB26	࠵ׁ;	HEBREW LETTER WIDE FINAL MEM ≈ <font> 05DD ອ hebrew letter final mem
FB27	࠵ׁ;	HEBREW LETTER WIDE RESH ≈ <font> 05E8 ຮ hebrew letter resh
FB28	࠵ׁ;	HEBREW LETTER WIDE TAV ≈ <font> 05EA ອ hebrew letter tav
FB29	࠵ׁ;	HEBREW LETTER ALTERNATIVE PLUS SIGN ≈ <font> 002B + plus sign
FB2A	࠵ׁ;	HEBREW LETTER SHIN WITH SHIN DOT ≡ 05E9 ີ 05C1 ດ

FB4C ב HEBREW LETTER BET WITH RAFE

≡ 05D1 ב 05BF ة

FB4D כ HEBREW LETTER KAF WITH RAFE

≡ 05DB כ 05BF ة

FB4E ה HEBREW LETTER PE WITH RAFE

≡ 05E4 ה 05BF ة

FB4F א HEBREW LIGATURE ALEF LAMED

≈ 05D0 א 05DC ל

	FB5	FB6	FB7	FB8	FB9	FBA	FBB	FBC	FBD	FBE	FBF	FC0	FC1	FC2	FC3
0	أ	ڙ	ڧ	ڇ	ڪ	ڻ	ڻ	ڦ		و	ڦ	ڦ	ڦ	ڦ	ڦ
1	ڻ	ڻ	ڻ	ڻ	ڻ	ڻ	ڻ	ڦ		و	ڦ	ڦ	ڦ	ڦ	ڦ
2	ٻ	ٿ	ڃ	ڍ	ڳ	ڻ	ڻ	ڦ		ڦ	ڦ	ڦ	ڦ	ڦ	ڦ
3	ٻ	ٿ	ڃ	ڍ	ڳ	ڻ	ڻ	ڦ		ڦ	ڦ	ڦ	ڦ	ڦ	ڦ
4	ڻ	ڻ	ڻ	ڻ	ڻ	ڻ	ڻ	ڦ		ڦ	ڦ	ڦ	ڦ	ڦ	ڦ
5	ڻ	ڻ	ڻ	ڻ	ڻ	ڻ	ڻ	ڦ		ڦ	ڦ	ڦ	ڦ	ڦ	ڦ
6	ٻ	ٻ	ڃ	ڻ	ڻ	ڻ	ڻ	ڦ		ڦ	ڦ	ڦ	ڦ	ڦ	ڦ
7	ٻ	ٻ	ڃ	ڻ	ڻ	ڻ	ڻ	ڦ		ڦ	ڦ	ڦ	ڦ	ڦ	ڦ
8	ڻ	ڻ	ڻ	ڻ	ڻ	ڻ	ڻ	ڦ		ڦ	ڦ	ڦ	ڦ	ڦ	ڦ
9	ڻ	ڻ	ڻ	ڻ	ڻ	ڻ	ڻ	ڦ		ڦ	ڦ	ڦ	ڦ	ڦ	ڦ
A	ٻ	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ		ڦ	ڦ	ڦ	ڦ	ڦ	ڦ
B	ٻ	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ		ڦ	ڦ	ڦ	ڦ	ڦ	ڦ
C	ڻ	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ		ڦ	ڦ	ڦ	ڦ	ڦ	ڦ
D	ڻ	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ		ڦ	ڦ	ڦ	ڦ	ڦ	ڦ
E	ڻ	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ		ڦ	ڦ	ڦ	ڦ	ڦ	ڦ
F	ڻ	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ		ڦ	ڦ	ڦ	ڦ	ڦ	ڦ

	FC4	FC5	FC6	FC7	FC8	FC9	FCA	FCB	FCC	FCD	FCE	FCF	FD0	FD1
0	ح	ڻ	ڻ	ٿ	ڪ	ڍ	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ
1	ڙ	ڙ	ڙ	ڙ	ڙ	ڙ	ڙ	ڙ	ڙ	ڙ	ڙ	ڙ	ڙ	ڙ
2	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ
3	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ
4	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ
5	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ
6	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ
7	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ
8	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ
9	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ
A	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ
B	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ
C	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ
D	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ
E	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ
F	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ	ڦ

FD2	FD3	FD4	FD5	FD6	FD7	FD8	FD9	FDA	FDB	FDC	FDD	FDE	FDF
٠	بـ	شـ		تـجـ	سـكـ	ضـخـ	لـمـ		تـجـ	يـمـيـ	بـحـيـ		صـلـ
١	صـ	سـ		تـخـجـ	سـجـ	طـحـ	لـجـ		تـخـيـ	سـمـيـ	غـمـيـ		قـلـ
٢	صـ	شـ		تـجـبـ	سـمـ	طـحـ	لـجـ		تـخـيـ	قـمـيـ	بـحـيـ		الـلـهـ
٣	ضـ	طـ		تـجـ	سـمـ	طـمـ	بـلـجـ		تـيـ	نـخـيـ	كـمـ		أـكـبـرـ
٤	ضـ	بـ		تـخـبـ	صـحـ	طـبـيـ	نـجـ		تـيـ	هـمـ	عـجـ		مـحـمـدـ
٥		سـ		تـجـ	لـكـ	بـحـمـ	لـمـخـ		بـجـيـ	لـمـ	صـمـ		صـلـعـ
٦		سـ		تـجـ	لـكـ	بـحـمـ	لـمـخـ		بـجـيـ	عـيـ	سـخـيـ		رـسـوـلـ
٧		سـ		تـجـ	لـكـ	عـمـ	لـجـ		بـجـيـ	كـيـ	نـخـيـ		عـلـيـهـ
٨		شـ		تـجـ	لـكـ	بـحـمـ	لـجـ		بـجـيـ	سـخـيـ			وـسـلـمـ
٩		شـ		تـجـ	لـكـ	عـمـ	لـجـ		بـجـيـ	صـحـيـ			صـلـيـ
A	سـ	طـ		تـجـ	لـكـ	بـحـمـ	لـجـ		بـجـيـ	لـمـ			صـلـالـهـ عـلـيـهـ وـسـلـمـ
B	صـ	ظـ		تـجـ	لـكـ	غـمـ	لـجـ		بـجـيـ	ضـخـيـ	كـمـ		حـالـلـهـ
C	ضـ	ـ		تـجـ	لـكـ	غـمـ	لـجـ		بـجـيـ	لـجـ			رـيـالـ
D	شـ	ـ		تـجـ	لـكـ	شـمـ	لـجـ		بـجـيـ	لـجـ			بـلـلـهـ الـحـلـمـ
E	ـ	ـ		تـجـ	لـكـ	فـمـ	لـجـ		بـجـيـ	لـيـ	نـجـ		
F	ـ	ـ		تـجـ	لـكـ	قـمـ	لـجـ		بـجـيـ	لـيـ	نـجـ		

*Preferred characters are found in the Arabic block 0600 - 06FF. This block also contains 32 noncharacters in the range FDD0 - FDDF.*

**Glyphs for contextual forms of letters for Persian, Urdu, Sindhi, etc.**

FB50	ٰ ARABIC LETTER ALEF WASLA ISOLATED FORM ≈ <isolated> 0671 ٰ
FB51	ٰ ARABIC LETTER ALEF WASLA FINAL FORM ≈ <final> 0671 ٰ
FB52	ٻ ARABIC LETTER BEEH ISOLATED FORM ≈ <isolated> 067B ٻ
FB53	ٻ ARABIC LETTER BEEH FINAL FORM ≈ <final> 067B ٻ
FB54	ڦ ARABIC LETTER BEEH INITIAL FORM ≈ <initial> 067B ڦ
FB55	ڦ ARABIC LETTER BEEH MEDIAL FORM ≈ <medial> 067B ڦ
FB56	ڦ ARABIC LETTER PEH ISOLATED FORM ≈ <isolated> 067E ڦ
FB57	ڦ ARABIC LETTER PEH FINAL FORM ≈ <final> 067E ڦ
FB58	ڦ ARABIC LETTER PEH INITIAL FORM ≈ <initial> 067E ڦ
FB59	ڦ ARABIC LETTER PEH MEDIAL FORM ≈ <medial> 067E ڦ
FB5A	ڦ ARABIC LETTER BEHEH ISOLATED FORM ≈ <isolated> 0680 ڦ
FB5B	ڦ ARABIC LETTER BEHEH FINAL FORM ≈ <final> 0680 ڦ
FB5C	ڦ ARABIC LETTER BEHEH INITIAL FORM ≈ <initial> 0680 ڦ
FB5D	ڦ ARABIC LETTER BEHEH MEDIAL FORM ≈ <medial> 0680 ڦ
FB5E	ڦ ARABIC LETTER TTEHEH ISOLATED FORM ≈ <isolated> 067A ڦ
FB5F	ڦ ARABIC LETTER TTEHEH FINAL FORM ≈ <final> 067A ڦ
FB60	ڦ ARABIC LETTER TTEHEH INITIAL FORM ≈ <initial> 067A ڦ
FB61	ڦ ARABIC LETTER TTEHEH MEDIAL FORM ≈ <medial> 067A ڦ
FB62	ڦ ARABIC LETTER TEHEH ISOLATED FORM ≈ <isolated> 067F ڦ
FB63	ڦ ARABIC LETTER TEHEH FINAL FORM ≈ <final> 067F ڦ
FB64	ڦ ARABIC LETTER TEHEH INITIAL FORM ≈ <initial> 067F ڦ
FB65	ڦ ARABIC LETTER TEHEH MEDIAL FORM ≈ <medial> 067F ڦ
FB66	ڦ ARABIC LETTER TTEH ISOLATED FORM ≈ <isolated> 0679 ڦ
FB67	ڦ ARABIC LETTER TTEH FINAL FORM ≈ <final> 0679 ڦ
FB68	ڦ ARABIC LETTER TTEH INITIAL FORM ≈ <initial> 0679 ڦ
FB69	ڦ ARABIC LETTER TTEH MEDIAL FORM ≈ <medial> 0679 ڦ
FB6A	ڦ ARABIC LETTER VEH ISOLATED FORM ≈ <isolated> 06A4 ڦ
FB6B	ڦ ARABIC LETTER VEH FINAL FORM ≈ <final> 06A4 ڦ

FB6C	ڦ ARABIC LETTER VEH INITIAL FORM ≈ <initial> 06A4 ڦ
FB6D	ڦ ARABIC LETTER VEH MEDIAL FORM ≈ <medial> 06A4 ڦ
FB6E	ڦ ARABIC LETTER PEHEH ISOLATED FORM ≈ <isolated> 06A6 ڦ
FB6F	ڦ ARABIC LETTER PEHEH FINAL FORM ≈ <final> 06A6 ڦ
FB70	ڦ ARABIC LETTER PEHEH INITIAL FORM ≈ <initial> 06A6 ڦ
FB71	ڦ ARABIC LETTER PEHEH MEDIAL FORM ≈ <medial> 06A6 ڦ
FB72	ڦ ARABIC LETTER DYEH ISOLATED FORM ≈ <isolated> 0684 ڦ
FB73	ڦ ARABIC LETTER DYEH FINAL FORM ≈ <final> 0684 ڦ
FB74	ڦ ARABIC LETTER DYEH INITIAL FORM ≈ <initial> 0684 ڦ
FB75	ڦ ARABIC LETTER DYEH MEDIAL FORM ≈ <medial> 0684 ڦ
FB76	ڦ ARABIC LETTER NYEH ISOLATED FORM ≈ <isolated> 0683 ڦ
FB77	ڦ ARABIC LETTER NYEH FINAL FORM ≈ <final> 0683 ڦ
FB78	ڦ ARABIC LETTER NYEH INITIAL FORM ≈ <initial> 0683 ڦ
FB79	ڦ ARABIC LETTER NYEH MEDIAL FORM ≈ <medial> 0683 ڦ
FB7A	ڦ ARABIC LETTER TCHEH ISOLATED FORM ≈ <isolated> 0686 ڦ
FB7B	ڦ ARABIC LETTER TCHEH FINAL FORM ≈ <final> 0686 ڦ
FB7C	ڦ ARABIC LETTER TCHEH INITIAL FORM ≈ <initial> 0686 ڦ
FB7D	ڦ ARABIC LETTER TCHEH MEDIAL FORM ≈ <medial> 0686 ڦ
FB7E	ڦ ARABIC LETTER TCHEHEH ISOLATED FORM ≈ <isolated> 0687 ڦ
FB7F	ڦ ARABIC LETTER TCHEHEH FINAL FORM ≈ <final> 0687 ڦ
FB80	ڦ ARABIC LETTER TCHEHEH INITIAL FORM ≈ <initial> 0687 ڦ
FB81	ڦ ARABIC LETTER TCHEHEH MEDIAL FORM ≈ <medial> 0687 ڦ
FB82	ڦ ARABIC LETTER DDAHAL ISOLATED FORM ≈ <isolated> 068D ڦ
FB83	ڦ ARABIC LETTER DDAHAL FINAL FORM ≈ <final> 068D ڦ
FB84	ڦ ARABIC LETTER DAHAL ISOLATED FORM ≈ <isolated> 068C ڦ
FB85	ڦ ARABIC LETTER DAHAL FINAL FORM ≈ <final> 068C ڦ
FB86	ڦ ARABIC LETTER DUL ISOLATED FORM ≈ <isolated> 068E ڦ
FB87	ڦ ARABIC LETTER DUL FINAL FORM ≈ <final> 068E ڦ
FB88	ڦ ARABIC LETTER DDAL ISOLATED FORM ≈ <isolated> 0688 ڦ
FB89	ڦ ARABIC LETTER DDAL FINAL FORM ≈ <final> 0688 ڦ
FB8A	ڦ ARABIC LETTER JEH ISOLATED FORM ≈ <isolated> 0698 ڦ

FB8B	ARABIC LETTER JEH FINAL FORM ≈ <final> 0698 ڢ	FBA9	ARABIC LETTER HEH GOAL MEDIAL FORM ≈ <medial> 06C1 ~
FB8C	ARABIC LETTER RREH ISOLATED FORM ≈ <isolated> 0691 ڦ	FBAA	ARABIC LETTER HEH DOACHASHMEE ISOLATED FORM ≈ <isolated> 06BE ڦ
FB8D	ARABIC LETTER RREH FINAL FORM ≈ <final> 0691 ڦ	FBAB	ARABIC LETTER HEH DOACHASHMEE FINAL FORM ≈ <final> 06BE ڦ
FB8E	ARABIC LETTER KEHEH ISOLATED FORM ≈ <isolated> 06A9 ڻ	FBAC	ARABIC LETTER HEH DOACHASHMEE INITIAL FORM ≈ <initial> 06BE ڦ
FB8F	ARABIC LETTER KEHEH FINAL FORM ≈ <final> 06A9 ڻ	FBAD	ARABIC LETTER HEH DOACHASHMEE MEDIAL FORM ≈ <medial> 06BE ڦ
FB90	ARABIC LETTER KEHEH INITIAL FORM ≈ <initial> 06A9 ڻ	FBAE	ARABIC LETTER YEH BARREE ISOLATED FORM ≈ <isolated> 06D2 ڙ
FB91	ARABIC LETTER KEHEH MEDIAL FORM ≈ <medial> 06A9 ڻ	FBAF	ARABIC LETTER YEH BARREE FINAL FORM ≈ <final> 06D2 ڙ
FB92	ARABIC LETTER GAF ISOLATED FORM ≈ <isolated> 06AF ڻ	FBB0	ARABIC LETTER YEH BARREE WITH HAMZA ABOVE ISOLATED FORM ≈ <isolated> 06D3 ڙ
FB93	ARABIC LETTER GAF FINAL FORM ≈ <final> 06AF ڻ	FBB1	ARABIC LETTER YEH BARREE WITH HAMZA ABOVE FINAL FORM ≈ <final> 06D3 ڙ
FB94	ARABIC LETTER GAF INITIAL FORM ≈ <initial> 06AF ڻ		
FB95	ARABIC LETTER GAF MEDIAL FORM ≈ <medial> 06AF ڻ		
FB96	ARABIC LETTER GUEH ISOLATED FORM ≈ <isolated> 06B3 ڻ		
FB97	ARABIC LETTER GUEH FINAL FORM ≈ <final> 06B3 ڻ		
FB98	ARABIC LETTER GUEH INITIAL FORM ≈ <initial> 06B3 ڻ		
FB99	ARABIC LETTER GUEH MEDIAL FORM ≈ <medial> 06B3 ڻ		
FB9A	ARABIC LETTER NGOEH ISOLATED FORM ≈ <isolated> 06B1 ڻ	FBB2	ARABIC SYMBOL DOT ABOVE
FB9B	ARABIC LETTER NGOEH FINAL FORM ≈ <final> 06B1 ڻ	FBB3	ARABIC SYMBOL DOT BELOW
FB9C	ARABIC LETTER NGOEH INITIAL FORM ≈ <initial> 06B1 ڻ	FBB4	ARABIC SYMBOL TWO DOTS ABOVE
FB9D	ARABIC LETTER NGOEH MEDIAL FORM ≈ <medial> 06B1 ڻ	FBB5	ARABIC SYMBOL TWO DOTS BELOW
FB9E	ARABIC LETTER NOON GHUNNA ISOLATED FORM ≈ <isolated> 06BA ڻ	FBB6	ARABIC SYMBOL THREE DOTS ABOVE
FB9F	ARABIC LETTER NOON GHUNNA FINAL FORM ≈ <final> 06BA ڻ	FBB7	ARABIC SYMBOL THREE DOTS BELOW
FBA0	ARABIC LETTER RNOON ISOLATED FORM ≈ <isolated> 06BB ڻ	FBB8	ARABIC SYMBOL THREE DOTS POINTING DOWNWARDS ABOVE
FBA1	ARABIC LETTER RNOON FINAL FORM ≈ <final> 06BB ڻ	FBB9	ARABIC SYMBOL THREE DOTS POINTING DOWNWARDS BELOW
FBA2	ARABIC LETTER RNOON INITIAL FORM ≈ <initial> 06BB ڻ	FBBB	ARABIC SYMBOL FOUR DOTS ABOVE • Sindhi
FBA3	ARABIC LETTER RNOON MEDIAL FORM ≈ <medial> 06BB ڻ	FBBC	ARABIC SYMBOL FOUR DOTS BELOW • Sindhi
FBA4	ARABIC LETTER HEH WITH YEH ABOVE ISOLATED FORM ≈ <isolated> 06C0 ڻ	FBBB	ARABIC SYMBOL DOUBLE VERTICAL BAR BELOW • Sindhi
FBA5	ARABIC LETTER HEH WITH YEH ABOVE FINAL FORM ≈ <final> 06C0 ڻ	FBBB	ARABIC SYMBOL TWO DOTS VERTICALLY ABOVE • Sindhi
FBA6	ARABIC LETTER HEH GOAL ISOLATED FORM ≈ <isolated> 06C1 ~	FBBE	ARABIC SYMBOL TWO DOTS VERTICALLY BELOW • Sindhi
FBA7	ARABIC LETTER HEH GOAL FINAL FORM ≈ <final> 06C1 ~	FBBF	ARABIC SYMBOL RING • Pashto
FBA8	ARABIC LETTER HEH GOAL INITIAL FORM ≈ <initial> 06C1 ~	FBC0	ARABIC SYMBOL SMALL TAH ABOVE • Urdu
		FBC1	ARABIC SYMBOL SMALL TAH BELOW • Urdu
			<b>Glyphs for contextual forms of letters for Central Asian languages</b>
		FBD3	ARABIC LETTER NG ISOLATED FORM ≈ <isolated> 06AD ڻ



FC05	ج	ARABIC LIGATURE BEH WITH JEEM ISOLATED FORM ≈ <isolated> 0628 بـ 062C ح	FC1A	خ	ARABIC LIGATURE KHAH WITH HAH ISOLATED FORM ≈ <isolated> 062E خـ 062D ح
FC06	خ	ARABIC LIGATURE BEH WITH HAH ISOLATED FORM ≈ <isolated> 0628 بـ 062D ح	FC1B	خـ	ARABIC LIGATURE KHAH WITH MEEM ISOLATED FORM ≈ <isolated> 062E خـ 0645 مـ
FC07	خـ	ARABIC LIGATURE BEH WITH KHAH ISOLATED FORM ≈ <isolated> 0628 بـ 062E حـ	FC1C	جـ	ARABIC LIGATURE SEEN WITH JEEM ISOLATED FORM ≈ <isolated> 0633 سـ 062C حـ
FC08	مـ	ARABIC LIGATURE BEH WITH MEEM ISOLATED FORM ≈ <isolated> 0628 بـ 0645 مـ	FC1D	حـ	ARABIC LIGATURE SEEN WITH HAH ISOLATED FORM ≈ <isolated> 0633 سـ 062D حـ
FC09	مـ	ARABIC LIGATURE BEH WITH ALEF MAKSURA ISOLATED FORM ≈ <isolated> 0628 بـ 0649 يـ	FC1E	خـ	ARABIC LIGATURE SEEN WITH KHAH ISOLATED FORM ≈ <isolated> 0633 سـ 062E حـ
FC0A	يـ	ARABIC LIGATURE BEH WITH YEH ISOLATED FORM ≈ <isolated> 0628 بـ 064A يـ	FC1F	سـ	ARABIC LIGATURE SEEN WITH MEEM ISOLATED FORM ≈ <isolated> 0633 سـ 0645 مـ
FC0B	جـ	ARABIC LIGATURE TEH WITH JEEM ISOLATED FORM ≈ <isolated> 062A تـ 062C حـ	FC20	حـ	ARABIC LIGATURE SAD WITH HAH ISOLATED FORM ≈ <isolated> 0635 ضـ 062D حـ
FC0C	حـ	ARABIC LIGATURE TEH WITH HAH ISOLATED FORM ≈ <isolated> 062A تـ 062D حـ	FC21	ضـ	ARABIC LIGATURE SAD WITH MEEM ISOLATED FORM ≈ <isolated> 0635 ضـ 0645 مـ
FC0D	حـ	ARABIC LIGATURE TEH WITH KHAH ISOLATED FORM ≈ <isolated> 062A تـ 062E حـ	FC22	جـ	ARABIC LIGATURE DAD WITH JEEM ISOLATED FORM ≈ <isolated> 0636 ضـ 062C حـ
FC0E	مـ	ARABIC LIGATURE TEH WITH MEEM ISOLATED FORM ≈ <isolated> 062A تـ 0645 مـ	FC23	حـ	ARABIC LIGATURE DAD WITH HAH ISOLATED FORM ≈ <isolated> 0636 ضـ 062D حـ
FC0F	يـ	ARABIC LIGATURE TEH WITH ALEF MAKSURA ISOLATED FORM ≈ <isolated> 062A تـ 0649 يـ	FC24	خـ	ARABIC LIGATURE DAD WITH KHAH ISOLATED FORM ≈ <isolated> 0636 ضـ 062E حـ
FC10	يـ	ARABIC LIGATURE TEH WITH YEH ISOLATED FORM ≈ <isolated> 062A تـ 064A يـ	FC25	ضـ	ARABIC LIGATURE DAD WITH MEEM ISOLATED FORM ≈ <isolated> 0636 ضـ 0645 مـ
FC11	شـ	ARABIC LIGATURE THEH WITH JEEM ISOLATED FORM ≈ <isolated> 062B ثـ 062C حـ	FC26	حـ	ARABIC LIGATURE TAH WITH HAH ISOLATED FORM ≈ <isolated> 0637 طـ 062D حـ
FC12	مـ	ARABIC LIGATURE THEH WITH MEEM ISOLATED FORM ≈ <isolated> 062B ثـ 0645 مـ	FC27	طـ	ARABIC LIGATURE TAH WITH MEEM ISOLATED FORM ≈ <isolated> 0637 طـ 0645 مـ
FC13	يـ	ARABIC LIGATURE THEH WITH ALEF MAKSURA ISOLATED FORM ≈ <isolated> 062B ثـ 0649 يـ	FC28	ظـ	ARABIC LIGATURE ZAH WITH MEEM ISOLATED FORM ≈ <isolated> 0638 ظـ 0645 مـ
FC14	يـ	ARABIC LIGATURE THEH WITH YEH ISOLATED FORM ≈ <isolated> 062B ثـ 064A يـ	FC29	عـ	ARABIC LIGATURE AIN WITH JEEM ISOLATED FORM ≈ <isolated> 0639 عـ 062C حـ
FC15	خـ	ARABIC LIGATURE JEEM WITH HAH ISOLATED FORM ≈ <isolated> 062C حـ 062D حـ	FC2A	مـ	ARABIC LIGATURE AIN WITH MEEM ISOLATED FORM ≈ <isolated> 0639 عـ 0645 مـ
FC16	مـ	ARABIC LIGATURE JEEM WITH MEEM ISOLATED FORM ≈ <isolated> 062C حـ 0645 مـ	FC2B	خـ	ARABIC LIGATURE GHAIN WITH JEEM ISOLATED FORM ≈ <isolated> 063A غـ 062C حـ
FC17	خـ	ARABIC LIGATURE HAH WITH JEEM ISOLATED FORM ≈ <isolated> 062D حـ 062C حـ	FC2C	غـ	ARABIC LIGATURE GHAIN WITH MEEM ISOLATED FORM ≈ <isolated> 063A غـ 0645 مـ
FC18	مـ	ARABIC LIGATURE HAH WITH MEEM ISOLATED FORM ≈ <isolated> 062D حـ 0645 مـ	FC2D	حـ	ARABIC LIGATURE FEH WITH JEEM ISOLATED FORM ≈ <isolated> 0641 فـ 062C حـ
FC19	خـ	ARABIC LIGATURE KHAH WITH JEEM ISOLATED FORM ≈ <isolated> 062E خـ 062C حـ	FC2E	حـ	ARABIC LIGATURE FEH WITH HAH ISOLATED FORM ≈ <isolated> 0641 فـ 062D حـ

FC2F	خ	ARABIC LIGATURE FEH WITH KHAH ISOLATED FORM ≈ <isolated> 0641 ف 062E خ	FC44	بـ	ARABIC LIGATURE LAM WITH YEH ISOLATED FORM ≈ <isolated> 0644 جـ 064A يـ
FC30	ڻ	ARABIC LIGATURE FEH WITH MEEM ISOLATED FORM ≈ <isolated> 0641 فـ 0645 مـ	FC45	ڦ	ARABIC LIGATURE MEEM WITH JEEM ISOLATED FORM ≈ <isolated> 0645 ڦـ 062C ڇـ
FC31	ڻ	ARABIC LIGATURE FEH WITH ALEF MAKSLA ISOLATED FORM ≈ <isolated> 0641 فـ 0649 ىـ	FC46	ڦ	ARABIC LIGATURE MEEM WITH HAH ISOLATED FORM ≈ <isolated> 0645 ڦـ 062D حـ
FC32	ڻ	ARABIC LIGATURE FEH WITH YEH ISOLATED FORM ≈ <isolated> 0641 فـ 064A يـ	FC47	ڦ	ARABIC LIGATURE MEEM WITH KHAH ISOLATED FORM ≈ <isolated> 0645 ڦـ 062E خـ
FC33	ڦ	ARABIC LIGATURE QAF WITH HAH ISOLATED FORM ≈ <isolated> 0642 قـ 062D حـ	FC48	ڻ	ARABIC LIGATURE MEEM WITH MEEM ISOLATED FORM ≈ <isolated> 0645 ڻـ 0645 مـ
FC34	ڻ	ARABIC LIGATURE QAF WITH MEEM ISOLATED FORM ≈ <isolated> 0642 قـ 0645 مـ	FC49	ڻ	ARABIC LIGATURE MEEM WITH ALEF MAKSLA ISOLATED FORM ≈ <isolated> 0645 ڻـ 0649 ىـ
FC35	ڻ	ARABIC LIGATURE QAF WITH ALEF MAKSLA ISOLATED FORM ≈ <isolated> 0642 قـ 0649 ىـ	FC4A	ڻ	ARABIC LIGATURE MEEM WITH YEH ISOLATED FORM ≈ <isolated> 0645 ڻـ 064A يـ
FC36	ڻ	ARABIC LIGATURE QAF WITH YEH ISOLATED FORM ≈ <isolated> 0642 قـ 064A يـ	FC4B	ڦ	ARABIC LIGATURE NOON WITH JEEM ISOLATED FORM ≈ <isolated> 0645 ڦـ 064A يـ
FC37	ڻ	ARABIC LIGATURE KAF WITH ALEF ISOLATED FORM ≈ <isolated> 0643 ڦـ 0627اـ	FC4C	ڦ	ARABIC LIGATURE NOON WITH HAH ISOLATED FORM ≈ <isolated> 0646 ڦـ 062C حـ
FC38	ڦ	ARABIC LIGATURE KAF WITH JEEM ISOLATED FORM ≈ <isolated> 0643 ڦـ 062C حـ	FC4D	ڦ	ARABIC LIGATURE NOON WITH KHAH ISOLATED FORM ≈ <isolated> 0646 ڦـ 062D حـ
FC39	ڦ	ARABIC LIGATURE KAF WITH HAH ISOLATED FORM ≈ <isolated> 0643 ڦـ 062D حـ	FC4E	ڻ	ARABIC LIGATURE NOON WITH MEEM ISOLATED FORM ≈ <isolated> 0646 ڻـ 0645 مـ
FC3A	ڦ	ARABIC LIGATURE KAF WITH KHAH ISOLATED FORM ≈ <isolated> 0643 ڦـ 062E خـ	FC4F	ڻ	ARABIC LIGATURE NOON WITH ALEF MAKSLA ISOLATED FORM ≈ <isolated> 0646 ڻـ 0649 ىـ
FC3B	ڦ	ARABIC LIGATURE KAF WITH LAM ISOLATED FORM ≈ <isolated> 0643 ڦـ 0644 جـ	FC50	ڻ	ARABIC LIGATURE NOON WITH YEH ISOLATED FORM ≈ <isolated> 0646 ڻـ 064A يـ
FC3C	ڦ	ARABIC LIGATURE KAF WITH MEEM ISOLATED FORM ≈ <isolated> 0643 ڦـ 0644 جـ	FC51	ڦ	ARABIC LIGATURE HEH WITH JEEM ISOLATED FORM ≈ <isolated> 0647 ڦـ 062C حـ
FC3D	ڦ	ARABIC LIGATURE KAF WITH ALEF MAKSLA ISOLATED FORM ≈ <isolated> 0643 ڦـ 0645 مـ	FC52	ڻ	ARABIC LIGATURE HEH WITH MEEM ISOLATED FORM ≈ <isolated> 0647 ڻـ 0645 مـ
FC3E	ڦ	ARABIC LIGATURE KAF WITH YEH ISOLATED FORM ≈ <isolated> 0643 ڦـ 064A يـ	FC53	ڻ	ARABIC LIGATURE HEH WITH ALEF MAKSLA ISOLATED FORM ≈ <isolated> 0647 ڦـ 0649 ىـ
FC3F	ڦ	ARABIC LIGATURE LAM WITH JEEM ISOLATED FORM ≈ <isolated> 0644 جـ 062C حـ	FC54	ڻ	ARABIC LIGATURE HEH WITH YEH ISOLATED FORM ≈ <isolated> 0647 ڦـ 064A يـ
FC40	ڦ	ARABIC LIGATURE LAM WITH HAH ISOLATED FORM ≈ <isolated> 0644 جـ 062D حـ	FC55	ڦ	ARABIC LIGATURE YEH WITH JEEM ISOLATED FORM ≈ <isolated> 064A يـ 062C حـ
FC41	ڦ	ARABIC LIGATURE LAM WITH KHAH ISOLATED FORM ≈ <isolated> 0644 جـ 062E خـ	FC56	ڦ	ARABIC LIGATURE YEH WITH HAH ISOLATED FORM ≈ <isolated> 064A يـ 062D حـ
FC42	ڻ	ARABIC LIGATURE LAM WITH MEEM ISOLATED FORM ≈ <isolated> 0644 جـ 0645 مـ	FC57	ڦ	ARABIC LIGATURE YEH WITH KHAH ISOLATED FORM ≈ <isolated> 064A يـ 062E خـ
FC43	ڻ	ARABIC LIGATURE LAM WITH ALEF MAKSLA ISOLATED FORM ≈ <isolated> 0644 جـ 0649 ىـ	FC58	ڻ	ARABIC LIGATURE YEH WITH MEEM ISOLATED FORM ≈ <isolated> 064A يـ 0645 مـ

FC59	﴿ ARABIC LIGATURE YEH WITH ALEF MAKSURA ISOLATED FORM ≈ <isolated> 064A ی 0649 ی	FC6F	﴿ ARABIC LIGATURE BEH WITH YEH FINAL FORM ≈ <final> 0628 ۻ 064A ی
FC5A	﴿ ARABIC LIGATURE YEH WITH YEH ISOLATED FORM ≈ <isolated> 064A ی 064A ی	FC70	﴿ ARABIC LIGATURE TEH WITH REH FINAL FORM ≈ <final> 062A ۻ 0631 ۻ
FC5B	﴿ ARABIC LIGATURE THAL WITH SUPERSCRIPT ALEF ISOLATED FORM ≈ <isolated> 0630 ۱ 0670 ۰	FC71	﴿ ARABIC LIGATURE TEH WITH ZAIN FINAL FORM ≈ <final> 062A ۻ 0632 ۳
FC5C	﴿ ARABIC LIGATURE REH WITH SUPERSCRIPT ALEF ISOLATED FORM ≈ <isolated> 0631 ۲ 0670 ۰	FC72	﴿ ARABIC LIGATURE TEH WITH MEEM FINAL FORM ≈ <final> 062A ۻ 0645 ۴
FC5D	﴿ ARABIC LIGATURE ALEF MAKSURA WITH SUPERSCRIPT ALEF ISOLATED FORM ≈ <isolated> 0649 ۹ 0670 ۰	FC73	﴿ ARABIC LIGATURE TEH WITH NOON FINAL FORM ≈ <final> 062A ۻ 0646 ۵
FC5E	﴿ ARABIC LIGATURE SHADDA WITH DAMMATAN ISOLATED FORM ≈ <isolated> 0020 [sp] 064C ۶ 0651 ۶	FC74	﴿ ARABIC LIGATURE TEH WITH ALEF MAKSURA FINAL FORM ≈ <final> 062A ۻ 0649 ی
FC5F	﴿ ARABIC LIGATURE SHADDA WITH KASRATAN ISOLATED FORM ≈ <isolated> 0020 [sp] 064D ۹ 0651 ۹	FC75	﴿ ARABIC LIGATURE TEH WITH YEH FINAL FORM ≈ <final> 062A ۻ 064A ی
FC60	﴿ ARABIC LIGATURE SHADDA WITH FATHA ISOLATED FORM ≈ <isolated> 0020 [sp] 064E ۶ 0651 ۶	FC76	﴿ ARABIC LIGATURE THEH WITH REH FINAL FORM ≈ <final> 062B ۷ 0631 ۷
FC61	﴿ ARABIC LIGATURE SHADDA WITH DAMMA ISOLATED FORM ≈ <isolated> 0020 [sp] 064F ۶ 0651 ۶	FC77	﴿ ARABIC LIGATURE THEH WITH ZAIN FINAL FORM ≈ <final> 062B ۷ 0632 ۳
FC62	﴿ ARABIC LIGATURE SHADDA WITH KASRA ISOLATED FORM ≈ <isolated> 0020 [sp] 0650 ۹ 0651 ۹	FC78	﴿ ARABIC LIGATURE THEH WITH MEEM FINAL FORM ≈ <final> 062B ۷ 0645 ۴
FC63	﴿ ARABIC LIGATURE SHADDA WITH SUPERSCRIPT ALEF ISOLATED FORM ≈ <isolated> 0020 [sp] 0651 ۶ 0670 ۰	FC79	﴿ ARABIC LIGATURE THEH WITH NOON FINAL FORM ≈ <final> 062B ۷ 0646 ۵
FC64	﴿ ARABIC LIGATURE YEH WITH HAMZA ABOVE WITH REH FINAL FORM ≈ <final> 0626 ڦ 0631 ۷	FC7A	﴿ ARABIC LIGATURE THEH WITH ALEF MAKSURA FINAL FORM ≈ <final> 062B ۷ 0649 ی
FC65	﴿ ARABIC LIGATURE YEH WITH HAMZA ABOVE WITH ZAIN FINAL FORM ≈ <final> 0626 ڦ 0632 ۳	FC7B	﴿ ARABIC LIGATURE THEH WITH YEH FINAL FORM ≈ <final> 062B ۷ 064A ی
FC66	﴿ ARABIC LIGATURE YEH WITH HAMZA ABOVE WITH MEEM FINAL FORM ≈ <final> 0626 ڦ 0645 ۴	FC7C	﴿ ARABIC LIGATURE FEH WITH ALEF MAKSURA FINAL FORM ≈ <final> 0641 ڦ 0649 ی
FC67	﴿ ARABIC LIGATURE YEH WITH HAMZA ABOVE WITH NOON FINAL FORM ≈ <final> 0626 ڦ 0646 ۵	FC7D	﴿ ARABIC LIGATURE FEH WITH YEH FINAL FORM ≈ <final> 0641 ڦ 064A ی
FC68	﴿ ARABIC LIGATURE YEH WITH HAMZA ABOVE WITH ALEF MAKSURA FINAL FORM ≈ <final> 0626 ڦ 0649 ی	FC7E	﴿ ARABIC LIGATURE QAF WITH ALEF MAKSURA FINAL FORM ≈ <final> 0642 ڦ 0649 ی
FC69	﴿ ARABIC LIGATURE YEH WITH HAMZA ABOVE WITH YEH FINAL FORM ≈ <final> 0626 ڦ 064A ی	FC7F	﴿ ARABIC LIGATURE QAF WITH YEH FINAL FORM ≈ <final> 0642 ڦ 064A ی
FC6A	﴿ ARABIC LIGATURE BEH WITH REH FINAL FORM ≈ <final> 0628 ۻ 0631 ۷	FC80	﴿ ARABIC LIGATURE KAF WITH ALEF FINAL FORM ≈ <final> 0643 ڦ 0627 ۱
FC6B	﴿ ARABIC LIGATURE BEH WITH ZAIN FINAL FORM ≈ <final> 0628 ۻ 0632 ۳	FC81	﴿ ARABIC LIGATURE KAF WITH LAM FINAL FORM ≈ <final> 0643 ڦ 0644 ۲
FC6C	﴿ ARABIC LIGATURE BEH WITH MEEM FINAL FORM ≈ <final> 0628 ۻ 0645 ۴	FC82	﴿ ARABIC LIGATURE KAF WITH MEEM FINAL FORM ≈ <final> 0643 ڦ 0649 ی
FC6D	﴿ ARABIC LIGATURE BEH WITH NOON FINAL FORM ≈ <final> 0628 ۻ 0646 ۵	FC83	﴿ ARABIC LIGATURE KAF WITH ALEF MAKSURA FINAL FORM ≈ <final> 0643 ڦ 0649 ی
FC6E	﴿ ARABIC LIGATURE BEH WITH ALEF MAKSURA FINAL FORM ≈ <final> 0628 ۻ 0649 ی	FC84	﴿ ARABIC LIGATURE KAF WITH YEH FINAL FORM ≈ <final> 0643 ڦ 064A ی
		FC85	﴿ ARABIC LIGATURE LAM WITH MEEM FINAL FORM ≈ <final> 0644 ڢ 0645 ۴
		FC86	﴿ ARABIC LIGATURE LAM WITH ALEF MAKSURA FINAL FORM ≈ <final> 0644 ڢ 0649 ی



FCB3	ARABIC LIGATURE SAD WITH MEEM INITIAL FORM ≈ <initial> 0635 س 0645 م	FCC8	ARABIC LIGATURE KAF WITH MEEM INITIAL FORM ≈ <initial> 0643 ك 0645 م
FCB4	ARABIC LIGATURE DAD WITH JEEM INITIAL FORM ≈ <initial> 0636 د 062C ج	FCC9	ARABIC LIGATURE LAM WITH JEEM INITIAL FORM ≈ <initial> 0644 ل 062C ج
FCB5	ARABIC LIGATURE DAD WITH HAH INITIAL FORM ≈ <initial> 0636 د 062D ح	FCCA	ARABIC LIGATURE LAM WITH HAH INITIAL FORM ≈ <initial> 0644 ل 062D ح
FCB6	ARABIC LIGATURE DAD WITH KHAH INITIAL FORM ≈ <initial> 0636 د 062E خ	FCCB	ARABIC LIGATURE LAM WITH KHAH INITIAL FORM ≈ <initial> 0644 ل 062E خ
FCB7	ARABIC LIGATURE DAD WITH MEEM INITIAL FORM ≈ <initial> 0636 د 0645 م	FCCC	ARABIC LIGATURE LAM WITH MEEM INITIAL FORM ≈ <initial> 0644 ل 0645 م
FCB8	ARABIC LIGATURE TAH WITH HAH INITIAL FORM ≈ <initial> 0637 ط 062D ح	FCCD	ARABIC LIGATURE LAM WITH HEH INITIAL FORM ≈ <initial> 0644 ل 0647 هـ
FCB9	ARABIC LIGATURE ZAH WITH MEEM INITIAL FORM ≈ <initial> 0638 ط 0645 م	FCCE	ARABIC LIGATURE MEEM WITH JEEM INITIAL FORM ≈ <initial> 0645 م 062C ج
FCBA	ARABIC LIGATURE AIN WITH JEEM INITIAL FORM ≈ <initial> 0639 ع 062C ج	FCCF	ARABIC LIGATURE MEEM WITH HAH INITIAL FORM ≈ <initial> 0645 م 062D ح
FCBB	ARABIC LIGATURE AIN WITH MEEM INITIAL FORM ≈ <initial> 0639 ع 0645 م	FCD0	ARABIC LIGATURE MEEM WITH KHAH INITIAL FORM ≈ <initial> 0645 م 062E خ
FCBC	ARABIC LIGATURE GHAIN WITH JEEM INITIAL FORM ≈ <initial> 063A غ 062C ج	FCD1	ARABIC LIGATURE MEEM WITH MEEM INITIAL FORM ≈ <initial> 0645 م 0645 م
FCBD	ARABIC LIGATURE GHAIN WITH MEEM INITIAL FORM ≈ <initial> 063A غ 0645 م	FCD2	ARABIC LIGATURE NOON WITH JEEM INITIAL FORM ≈ <initial> 0646 ن 062C ج
FCBE	ARABIC LIGATURE FEH WITH JEEM INITIAL FORM ≈ <initial> 0641 ف 062C ح	FCD3	ARABIC LIGATURE NOON WITH HAH INITIAL FORM ≈ <initial> 0646 ن 062D ح
FCBF	ARABIC LIGATURE FEH WITH HAH INITIAL FORM ≈ <initial> 0641 ف 062D ح	FCD4	ARABIC LIGATURE NOON WITH KHAH INITIAL FORM ≈ <initial> 0646 ن 062E خ
FCC0	ARABIC LIGATURE FEH WITH KHAH INITIAL FORM ≈ <initial> 0641 ف 062E خ	FCD5	ARABIC LIGATURE NOON WITH MEEM INITIAL FORM ≈ <initial> 0646 ن 0645 م
FCC1	ARABIC LIGATURE FEH WITH MEEM INITIAL FORM ≈ <initial> 0641 ف 0645 م	FCD6	ARABIC LIGATURE NOON WITH HEH INITIAL FORM ≈ <initial> 0646 ن 0647 هـ
FCC2	ARABIC LIGATURE QAFF WITH HAH INITIAL FORM ≈ <initial> 0642 ق 062D ح	FCD7	ARABIC LIGATURE HEH WITH JEEM INITIAL FORM ≈ <initial> 0647 هـ 0645 م
FCC3	ARABIC LIGATURE QAFF WITH MEEM INITIAL FORM ≈ <initial> 0642 ق 0645 م	FCD8	ARABIC LIGATURE HEH WITH MEEM INITIAL FORM ≈ <initial> 0647 هـ 062C ج
FCC4	ARABIC LIGATURE KAF WITH JEEM INITIAL FORM ≈ <initial> 0643 ك 062C ج	FCD9	ARABIC LIGATURE HEH WITH SUPERSCRIPT ALEF INITIAL FORM ≈ <initial> 0647 هـ 0670 ئـ
FCC5	ARABIC LIGATURE KAF WITH HAH INITIAL FORM ≈ <initial> 0643 ك 062D ح	FCDA	ARABIC LIGATURE YEH WITH JEEM INITIAL FORM ≈ <initial> 0647 هـ 0645 م
FCC6	ARABIC LIGATURE KAF WITH KHAH INITIAL FORM ≈ <initial> 0643 ك 062E خ	FCDB	ARABIC LIGATURE YEH WITH HAH INITIAL FORM ≈ <initial> 064A يـ 062D ح
FCC7	ARABIC LIGATURE KAF WITH LAM INITIAL FORM ≈ <initial> 0643 ك 0644 لـ	FCDC	ARABIC LIGATURE YEH WITH KHAH INITIAL FORM ≈ <initial> 064A يـ 062E خ

FCDD	ARABIC LIGATURE YEH WITH MEEM INITIAL FORM ≈ <initial> 064A ی 0645 م	FCF2	ARABIC LIGATURE SHADDA WITH FATHA MEDIAL FORM ≈ <medial> 0640 - 064E ۰ 0651 ۸
FCDE	ARABIC LIGATURE YEH WITH HEH INITIAL FORM ≈ <initial> 064A ی 0647 ه	FCF3	ARABIC LIGATURE SHADDA WITH DAMMA MEDIAL FORM ≈ <medial> 0640 - 064F ۹ 0651 ۷
FCDF	ARABIC LIGATURE YEH WITH HAMZA ABOVE WITH MEEM MEDIAL FORM ≈ <medial> 0626 ڦ 0645 م	FCF4	ARABIC LIGATURE SHADDA WITH KASRA MEDIAL FORM ≈ <medial> 0640 - 0650 ڦ 0651 ڻ
FCE0	ARABIC LIGATURE YEH WITH HAMZA ABOVE WITH HEH MEDIAL FORM ≈ <medial> 0626 ڦ 0647 ه	FCF5	ARABIC LIGATURE TAH WITH ALEF MAKURA ISOLATED FORM ≈ <isolated> 0637 ط 0649 ی
FCE1	ARABIC LIGATURE BEH WITH MEEM MEDIAL FORM ≈ <medial> 0628 ڦ 0645 م	FCF6	ARABIC LIGATURE TAH WITH YEH ISOLATED FORM ≈ <isolated> 0637 ط 064A ی
FCE2	ARABIC LIGATURE BEH WITH HEH MEDIAL FORM ≈ <medial> 0628 ڦ 0647 ه	FCF7	ARABIC LIGATURE AIN WITH ALEF MAKURA ISOLATED FORM ≈ <isolated> 0639 ع 0649 ی
FCE3	ARABIC LIGATURE TEH WITH MEEM MEDIAL FORM ≈ <medial> 062A ڦ 0645 م	FCF8	ARABIC LIGATURE AIN WITH YEH ISOLATED FORM ≈ <isolated> 0639 ع 064A ی
FCE4	ARABIC LIGATURE TEH WITH HEH MEDIAL FORM ≈ <medial> 062A ڦ 0647 ه	FCF9	ARABIC LIGATURE GHAIN WITH ALEF MAKURA ISOLATED FORM ≈ <isolated> 063A غ 0649 ی
FCE5	ARABIC LIGATURE THEH WITH MEEM MEDIAL FORM ≈ <medial> 062B ڦ 0645 م	FCFA	ARABIC LIGATURE GHAIN WITH YEH ISOLATED FORM ≈ <isolated> 063A غ 064A ی
FCE6	ARABIC LIGATURE THEH WITH HEH MEDIAL FORM ≈ <medial> 062B ڦ 0647 ه	FCFB	ARABIC LIGATURE SEEN WITH ALEF MAKURA ISOLATED FORM ≈ <isolated> 0633 س 0649 ی
FCE7	ARABIC LIGATURE SEEN WITH MEEM MEDIAL FORM ≈ <medial> 0633 س 0645 م	FCFC	ARABIC LIGATURE SEEN WITH YEH ISOLATED FORM ≈ <isolated> 0633 س 064A ی
FCE8	ARABIC LIGATURE SEEN WITH HEH MEDIAL FORM ≈ <medial> 0633 س 0647 ه	FCFD	ARABIC LIGATURE SHEEN WITH ALEF MAKURA ISOLATED FORM ≈ <isolated> 0634 ش 0649 ی
FCE9	ARABIC LIGATURE SHEEN WITH MEEM MEDIAL FORM ≈ <medial> 0634 ش 0645 م	FCFE	ARABIC LIGATURE SHEEN WITH YEH ISOLATED FORM ≈ <isolated> 0634 ش 064A ی
FCEA	ARABIC LIGATURE SHEEN WITH HEH MEDIAL FORM ≈ <medial> 0634 ش 0647 ه	FCFF	ARABIC LIGATURE HAH WITH ALEF MAKURA ISOLATED FORM ≈ <isolated> 062D ح 0649 ی
FCEB	ARABIC LIGATURE KAF WITH LAM MEDIAL FORM ≈ <medial> 0643 ک 0644 ل	FD00	ARABIC LIGATURE HAH WITH YEH ISOLATED FORM ≈ <isolated> 062D ح 064A ی
FCEC	ARABIC LIGATURE KAF WITH MEEM MEDIAL FORM ≈ <medial> 0643 ک 0645 م	FD01	ARABIC LIGATURE JEEM WITH ALEF MAKURA ISOLATED FORM ≈ <isolated> 062C ج 0649 ی
FCED	ARABIC LIGATURE LAM WITH MEEM MEDIAL FORM ≈ <medial> 0644 ل 0645 م	FD02	ARABIC LIGATURE JEEM WITH YEH ISOLATED FORM ≈ <isolated> 062C ج 064A ی
FCEE	ARABIC LIGATURE NOON WITH MEEM MEDIAL FORM ≈ <medial> 0646 ن 0645 م	FD03	ARABIC LIGATURE KHAH WITH ALEF MAKURA ISOLATED FORM ≈ <isolated> 062E خ 0649 ی
FCEF	ARABIC LIGATURE NOON WITH HEH MEDIAL FORM ≈ <medial> 0646 ن 0647 ه	FD04	ARABIC LIGATURE KHAH WITH YEH ISOLATED FORM ≈ <isolated> 062E خ 064A ی
FCF0	ARABIC LIGATURE YEH WITH MEEM MEDIAL FORM ≈ <medial> 064A ی 0645 م	FD05	ARABIC LIGATURE SAD WITH ALEF MAKURA ISOLATED FORM ≈ <isolated> 0635 س 0649 ی
FCF1	ARABIC LIGATURE YEH WITH HEH MEDIAL FORM ≈ <medial> 064A ی 0647 ه	FD06	ARABIC LIGATURE SAD WITH YEH ISOLATED FORM ≈ <isolated> 0635 س 064A ی

FD07	ضيء	ARABIC LIGATURE DAD WITH ALEF MAKSURA ISOLATED FORM ≈ <isolated> 0636 ڦ 0649 ڻ	FD1E	ڱ	ARABIC LIGATURE JEEM WITH YEH FINAL FORM ≈ <final> 062C ڇ 064A ڻ
FD08	ضيء	ARABIC LIGATURE DAD WITH YEH ISOLATED FORM ≈ <isolated> 0636 ڦ 064A ڻ	FD1F	ڱ	ARABIC LIGATURE KAH WITH ALEF MAKSURA FINAL FORM ≈ <final> 062E ڇ 0649 ڻ
FD09	شڻ	ARABIC LIGATURE SHEEN WITH JEEM ISOLATED FORM ≈ <isolated> 0634 ڦ 062C ڇ	FD20	ڱ	ARABIC LIGATURE KAH WITH YEH FINAL FORM ≈ <final> 062E ڇ 064A ڻ
FD0A	شڻ	ARABIC LIGATURE SHEEN WITH HAH ISOLATED FORM ≈ <isolated> 0634 ڦ 062D ڇ	FD21	ڻ	ARABIC LIGATURE SAD WITH ALEF MAKSURA FINAL FORM ≈ <final> 0635 ڻ 0649 ڻ
FD0B	شڻ	ARABIC LIGATURE SHEEN WITH KAH ISOLATED FORM ≈ <isolated> 0634 ڦ 062E ڇ	FD22	ڻ	ARABIC LIGATURE SAD WITH YEH FINAL FORM ≈ <final> 0635 ڻ 064A ڻ
FD0C	ڻ	ARABIC LIGATURE SHEEN WITH MEEM ISOLATED FORM ≈ <isolated> 0634 ڦ 0645 ڻ	FD23	ڻ	ARABIC LIGATURE DAD WITH ALEF MAKSURA FINAL FORM ≈ <final> 0636 ڦ 0649 ڻ
FD0D	ڻ	ARABIC LIGATURE SHEEN WITH REH ISOLATED FORM ≈ <isolated> 0634 ڦ 0631 ڻ	FD24	ڻ	ARABIC LIGATURE DAD WITH YEH FINAL FORM ≈ <final> 0636 ڦ 064A ڻ
FD0E	ڻ	ARABIC LIGATURE SEEN WITH REH ISOLATED FORM ≈ <isolated> 0633 ڻ 0631 ڻ	FD25	شڻ	ARABIC LIGATURE SHEEN WITH JEEM FINAL FORM ≈ <final> 0634 ڦ 062C ڇ
FD0F	ڻ	ARABIC LIGATURE SAD WITH REH ISOLATED FORM ≈ <isolated> 0635 ڻ 0631 ڻ	FD26	شڻ	ARABIC LIGATURE SHEEN WITH HAH FINAL FORM ≈ <final> 0634 ڦ 062D ڇ
FD10	ڻ	ARABIC LIGATURE DAD WITH REH ISOLATED FORM ≈ <isolated> 0636 ڦ 0631 ڻ	FD27	شڻ	ARABIC LIGATURE SHEEN WITH KAH FINAL FORM ≈ <final> 0634 ڦ 062E ڇ
FD11	ڻ	ARABIC LIGATURE TAH WITH ALEF MAKSURA FINAL FORM ≈ <final> 0637 ڦ 0649 ڻ	FD28	ڻ	ARABIC LIGATURE SHEEN WITH MEEM FINAL FORM ≈ <final> 0634 ڦ 0645 ڻ
FD12	ڻ	ARABIC LIGATURE TAH WITH YEH FINAL FORM ≈ <final> 0637 ڦ 064A ڻ	FD29	ڻ	ARABIC LIGATURE SHEEN WITH REH FINAL FORM ≈ <final> 0634 ڦ 0631 ڻ
FD13	ڻ	ARABIC LIGATURE AIN WITH ALEF MAKSURA FINAL FORM ≈ <final> 0639 ڻ 0649 ڻ	FD2A	ڻ	ARABIC LIGATURE SEEN WITH REH FINAL FORM ≈ <final> 0633 ڻ 0631 ڻ
FD14	ڻ	ARABIC LIGATURE AIN WITH YEH FINAL FORM ≈ <final> 0639 ڻ 064A ڻ	FD2B	ڻ	ARABIC LIGATURE SAD WITH REH FINAL FORM ≈ <final> 0635 ڻ 0631 ڻ
FD15	ڻ	ARABIC LIGATURE GHAIN WITH ALEF MAKSURA FINAL FORM ≈ <final> 063A ڻ 0649 ڻ	FD2C	ڻ	ARABIC LIGATURE DAD WITH REH FINAL FORM ≈ <final> 0636 ڦ 0631 ڻ
FD16	ڻ	ARABIC LIGATURE GHAIN WITH YEH FINAL FORM ≈ <final> 063A ڻ 064A ڻ	FD2D	ڻ	ARABIC LIGATURE SHEEN WITH JEEM INITIAL FORM ≈ <initial> 0634 ڦ 062C ڇ
FD17	ڻ	ARABIC LIGATURE SEEN WITH ALEF MAKSURA FINAL FORM ≈ <final> 0633 ڻ 0649 ڻ	FD2E	ڻ	ARABIC LIGATURE SHEEN WITH HAH INITIAL FORM ≈ <initial> 0634 ڦ 062D ڇ
FD18	ڻ	ARABIC LIGATURE SEEN WITH YEH FINAL FORM ≈ <final> 0633 ڻ 064A ڻ	FD2F	ڻ	ARABIC LIGATURE SHEEN WITH KAH INITIAL FORM ≈ <initial> 0634 ڦ 062E ڇ
FD19	ڻ	ARABIC LIGATURE SHEEN WITH ALEF MAKSURA FINAL FORM ≈ <final> 0634 ڦ 0649 ڻ	FD30	ڻ	ARABIC LIGATURE SHEEN WITH MEEM INITIAL FORM ≈ <initial> 0634 ڦ 0645 ڻ
FD1A	ڻ	ARABIC LIGATURE SHEEN WITH YEH FINAL FORM ≈ <final> 0634 ڦ 064A ڻ	FD31	ڻ	ARABIC LIGATURE SEEN WITH HEH INITIAL FORM ≈ <initial> 0633 ڻ 0647 ڻ
FD1B	ڻ	ARABIC LIGATURE HAH WITH ALEF MAKSURA FINAL FORM ≈ <final> 062D ڇ 0649 ڻ	FD32	ڻ	ARABIC LIGATURE SHEEN WITH HEH INITIAL FORM ≈ <initial> 0634 ڦ 0647 ڻ
FD1C	ڻ	ARABIC LIGATURE HAH WITH YEH FINAL FORM ≈ <final> 062D ڇ 064A ڻ	FD33	ڻ	ARABIC LIGATURE TAH WITH MEEM INITIAL FORM ≈ <initial> 0637 ڦ 0645 ڻ
FD1D	ڻ	ARABIC LIGATURE JEEM WITH ALEF MAKSURA FINAL FORM ≈ <final> 062C ڇ 0649 ڻ	FD34	ڻ	ARABIC LIGATURE SEEN WITH JEEM MEDIAL FORM ≈ <medial> 0633 ڻ 062C ڇ

FD35	﴿ ARABIC LIGATURE SEEN WITH HAH MEDIAL FORM ≈ <medial> 0633 س 062D ح	FD5A	﴿ ARABIC LIGATURE HAH WITH MEEM WITH YEH FINAL FORM ≈ <final> 062D ح 0645 م 064A ي
FD36	﴿ ARABIC LIGATURE SEEN WITH KHAH MEDIAL FORM ≈ <medial> 0633 س 062E خ	FD5B	﴿ ARABIC LIGATURE HAH WITH MEEM WITH ALEF MAKSURA FINAL FORM ≈ <final> 062D ح 0645 م 0649 ي
FD37	﴿ ARABIC LIGATURE SHEEN WITH JEEM MEDIAL FORM ≈ <medial> 0634 ش 062C ج	FD5C	﴿ ARABIC LIGATURE SEEN WITH HAH WITH JEEM INITIAL FORM ≈ <initial> 0633 س 062D ح 062C ج
FD38	﴿ ARABIC LIGATURE SHEEN WITH HAH MEDIAL FORM ≈ <medial> 0634 ش 062D ح	FD5D	﴿ ARABIC LIGATURE SEEN WITH JEEM WITH HAH INITIAL FORM ≈ <initial> 0633 س 062C ج 062D ح
FD39	﴿ ARABIC LIGATURE SHEEN WITH KHAH MEDIAL FORM ≈ <medial> 0634 ش 062E خ	FD5E	﴿ ARABIC LIGATURE SEEN WITH JEEM WITH ALEF MAKSURA FINAL FORM ≈ <final> 0633 س 062C ج 0649 ي
FD3A	﴿ ARABIC LIGATURE TAH WITH MEEM MEDIAL FORM ≈ <medial> 0637 ط 0645 م	FD5F	﴿ ARABIC LIGATURE SEEN WITH MEEM WITH HAH FINAL FORM ≈ <final> 0633 س 0645 م 062D ح
FD3B	﴿ ARABIC LIGATURE ZAH WITH MEEM MEDIAL FORM ≈ <medial> 0638 ظ 0645 م	FD60	﴿ ARABIC LIGATURE SEEN WITH MEEM WITH HAH INITIAL FORM ≈ <initial> 0633 س 0645 م 062D ح
FD3C	﴿ ARABIC LIGATURE ALEF WITH FATHATAN FINAL FORM ≈ <final> 0627 ل 064B و	FD61	﴿ ARABIC LIGATURE SEEN WITH MEEM WITH JEEM INITIAL FORM ≈ <initial> 0633 س 0645 م 062C ج
FD3D	﴿ ARABIC LIGATURE ALEF WITH FATHATAN ISOLATED FORM ≈ <isolated> 0627 ل 064B و	FD62	﴿ ARABIC LIGATURE SEEN WITH MEEM WITH MEEM FINAL FORM ≈ <final> 0633 س 0645 م 0645 م
		FD63	﴿ ARABIC LIGATURE SEEN WITH MEEM WITH MEEM INITIAL FORM ≈ <initial> 0633 س 0645 م 0645 م
		FD64	﴿ ARABIC LIGATURE SAD WITH HAH WITH HAH FINAL FORM ≈ <final> 0635 ص 062D ح 062D ح
		FD65	﴿ ARABIC LIGATURE SAD WITH HAH WITH HAH INITIAL FORM ≈ <initial> 0635 ص 062D ح 062D ح
		FD66	﴿ ARABIC LIGATURE SAD WITH MEEM WITH MEEM FINAL FORM ≈ <final> 0635 ص 0645 م 0645 م
		FD67	﴿ ARABIC LIGATURE SHEEN WITH HAH WITH MEEM FINAL FORM ≈ <final> 0634 ش 062D ح 0645 م
		FD68	﴿ ARABIC LIGATURE SHEEN WITH HAH WITH MEEM INITIAL FORM ≈ <final> 0634 ش 062D ح 0645 م
		FD69	﴿ ARABIC LIGATURE SHEEN WITH JEEM WITH YEH FINAL FORM ≈ <initial> 0634 ش 062D ح 0645 م
		FD6A	﴿ ARABIC LIGATURE SHEEN WITH MEEM WITH KHAH FINAL FORM ≈ <final> 0634 ش 062C ج 064A ي
		FD6B	﴿ ARABIC LIGATURE SHEEN WITH MEEM WITH KHAH INITIAL FORM ≈ <final> 0634 ش 0645 م 062E خ
		FD6C	﴿ ARABIC LIGATURE SHEEN WITH MEEM FINAL FORM ≈ <initial> 0634 ش 0645 م 062E خ
		FD6D	﴿ ARABIC LIGATURE SHEEN WITH MEEM INITIAL FORM ≈ <final> 0634 ش 0645 م 0645 م
		FD6E	﴿ ARABIC LIGATURE DAD WITH HAH WITH ALEF MAKSURA FINAL FORM ≈ <initial> 0634 ش 0645 م 0645 م

**Punctuation**

For legacy reasons, these parentheses do not mirror in bidirectional display and do not have the *Bidi\_Paired\_Bracket* property.

- FD3E ﴿ ORNATE LEFT PARENTHESIS  
FD3F ﴾ ORNATE RIGHT PARENTHESIS

**Ligatures (three elements)**

FD50	﴿ ARABIC LIGATURE TEH WITH JEEM WITH MEEM INITIAL FORM ≈ <initial> 062A ت 062C ج 0645 م	FD66	﴿ ARABIC LIGATURE SAD WITH MEEM WITH MEEM FINAL FORM ≈ <final> 0635 ص 0645 م 0645 م
FD51	﴿ ARABIC LIGATURE TEH WITH HAH WITH JEEM FINAL FORM ≈ <final> 062A ت 062D ح 062C ج	FD67	﴿ ARABIC LIGATURE SHEEN WITH HAH WITH MEEM FINAL FORM ≈ <final> 0634 ش 062D ح 0645 م
FD52	﴿ ARABIC LIGATURE TEH WITH HAH WITH JEEM INITIAL FORM ≈ <initial> 062A ت 062D ح 062C ج	FD68	﴿ ARABIC LIGATURE SHEEN WITH HAH WITH MEEM INITIAL FORM ≈ <final> 0634 ش 062D ح 0645 م
FD53	﴿ ARABIC LIGATURE TEH WITH HAH WITH MEEM INITIAL FORM ≈ <initial> 062A ت 062D ح 062C ج	FD69	﴿ ARABIC LIGATURE SHEEN WITH JEEM WITH YEH FINAL FORM ≈ <initial> 0634 ش 062D ح 0645 م
FD54	﴿ ARABIC LIGATURE TEH WITH KHAH WITH MEEM INITIAL FORM ≈ <initial> 062A ت 062E خ 0645 م	FD6A	﴿ ARABIC LIGATURE SHEEN WITH MEEM WITH KHAH FINAL FORM ≈ <final> 0634 ش 062C ج 064A ي
FD55	﴿ ARABIC LIGATURE TEH WITH MEEM WITH JEEM INITIAL FORM ≈ <initial> 062A ت 0645 م 062C ج	FD6B	﴿ ARABIC LIGATURE SHEEN WITH MEEM WITH KHAH INITIAL FORM ≈ <final> 0634 ش 0645 م 062E خ
FD56	﴿ ARABIC LIGATURE TEH WITH MEEM WITH HAH INITIAL FORM ≈ <initial> 062A ت 0645 م 062D ح	FD6C	﴿ ARABIC LIGATURE SHEEN WITH MEEM FINAL FORM ≈ <initial> 0634 ش 0645 م 062E خ
FD57	﴿ ARABIC LIGATURE TEH WITH MEEM WITH KHAH INITIAL FORM ≈ <initial> 062A ت 0645 م 062E خ	FD6D	﴿ ARABIC LIGATURE SHEEN WITH MEEM INITIAL FORM ≈ <final> 0634 ش 0645 م 0645 م
FD58	﴿ ARABIC LIGATURE JEEM WITH MEEM WITH HAH FINAL FORM ≈ <final> 062C ج 0645 م 062D ح	FD6E	﴿ ARABIC LIGATURE DAD WITH HAH WITH ALEF MAKSURA FINAL FORM ≈ <initial> 0634 ش 0645 م 0645 م
FD59	﴿ ARABIC LIGATURE JEEM WITH MEEM WITH HAH INITIAL FORM ≈ <initial> 062C ج 0645 م 062D ح		﴾ ARABIC LIGATURE HAH WITH MEEM WITH YEH FINAL FORM ≈ <final> 0636 ض 062D ح 0649 ي

FD6F		ARABIC LIGATURE DAD WITH KHAH WITH MEEM FINAL FORM ≈ <final> 0636 ﺪ 062E خ 0645 م	FD84		ARABIC LIGATURE LAM WITH JEEM FINAL FORM ≈ <final> 0644 ل 062C ج 062C ج
FD70		ARABIC LIGATURE DAD WITH KHAH WITH MEEM INITIAL FORM ≈ <initial> 0636 خ 062E ض 0645 م	FD85		ARABIC LIGATURE LAM WITH KHAH WITH MEEM FINAL FORM ≈ <final> 0644 ل 062E خ 0645 م
FD71		ARABIC LIGATURE TAH WITH MEEM WITH HAH FINAL FORM ≈ <final> 0637 ط 0645 م 062D ح	FD86		ARABIC LIGATURE LAM WITH KHAH WITH MEEM INITIAL FORM ≈ <initial> 0644 ل 062E خ 0645 م
FD72		ARABIC LIGATURE TAH WITH MEEM WITH HAH INITIAL FORM ≈ <initial> 0637 ط 0645 م 062D ح	FD87		ARABIC LIGATURE LAM WITH MEEM WITH HAH FINAL FORM ≈ <final> 0644 ل 0645 م 062D ح
FD73		ARABIC LIGATURE TAH WITH MEEM WITH MEEM INITIAL FORM ≈ <initial> 0637 ط 0645 م 0645 م	FD88		ARABIC LIGATURE LAM WITH MEEM WITH HAH INITIAL FORM ≈ <initial> 0644 ل 0645 م 062D ح
FD74		ARABIC LIGATURE TAH WITH MEEM WITH YEH FINAL FORM ≈ <final> 0637 ط 0645 م 064A ي	FD89		ARABIC LIGATURE MEEM WITH HAH WITH JEEM INITIAL FORM ≈ <initial> 0645 م 062D ح 062C ج
FD75		ARABIC LIGATURE AIN WITH JEEM WITH MEEM FINAL FORM ≈ <final> 0639 ع 062C ج 0645 م	FD8A		ARABIC LIGATURE MEEM WITH HAH WITH MEEM INITIAL FORM ≈ <initial> 0645 م 062D ح 0645 م
FD76		ARABIC LIGATURE AIN WITH MEEM WITH MEEM FINAL FORM ≈ <final> 0639 ع 0645 م 0645 م	FD8B		ARABIC LIGATURE MEEM WITH HAH WITH YEH FINAL FORM ≈ <final> 0645 م 062D ح 064A ي
FD77		ARABIC LIGATURE AIN WITH MEEM WITH MEEM INITIAL FORM ≈ <initial> 0639 ع 0645 م 0645 م	FD8C		ARABIC LIGATURE MEEM WITH JEEM WITH HAH INITIAL FORM ≈ <initial> 0645 م 062C ج 062D ح
FD78		ARABIC LIGATURE AIN WITH MEEM WITH ALEF MAKWSRA FINAL FORM ≈ <final> 0639 ع 0645 م 0649 ي	FD8D		ARABIC LIGATURE MEEM WITH JEEM WITH MEEM INITIAL FORM ≈ <initial> 0645 م 062C ج 0645 م
FD79		ARABIC LIGATURE GHAIN WITH MEEM WITH MEEM FINAL FORM ≈ <final> 063A غ 0645 م 0645 م	FD8E		ARABIC LIGATURE MEEM WITH KHAH WITH JEEM INITIAL FORM ≈ <initial> 0645 م 062C ج 062C خ
FD7A		ARABIC LIGATURE GHAIN WITH MEEM WITH YEH FINAL FORM ≈ <final> 063A غ 0645 م 064A ي	FD8F		ARABIC LIGATURE MEEM WITH KHAH WITH HAH INITIAL FORM ≈ <initial> 0645 م 062E خ 0645 م
FD7B		ARABIC LIGATURE GHAIN WITH MEEM WITH ALEF MAKWSRA FINAL FORM ≈ <final> 063A غ 0645 م 0649 ي	FD90		<reserved>
FD7C		ARABIC LIGATURE FEH WITH KHAH WITH MEEM FINAL FORM ≈ <final> 0641 ف 062E خ 0645 م	FD91		<reserved>
FD7D		ARABIC LIGATURE FEH WITH KHAH WITH MEEM INITIAL FORM ≈ <initial> 0641 ف 062E خ 0645 م	FD92		ARABIC LIGATURE MEEM WITH JEEM WITH KHAH INITIAL FORM ≈ <initial> 0645 م 062C ج 062C خ
FD7E		ARABIC LIGATURE QAQ WITH MEEM WITH HAH FINAL FORM ≈ <initial> 0641 ق 062E خ 0645 م	FD93		ARABIC LIGATURE HEH WITH MEEM WITH JEEM INITIAL FORM ≈ <initial> 0647 ه 0645 م 062C ج
FD7F		ARABIC LIGATURE QAQ WITH MEEM WITH MEEM FINAL FORM ≈ <final> 0642 ق 0645 م 062D ح	FD94		ARABIC LIGATURE HEH WITH MEEM WITH MEEM INITIAL FORM ≈ <initial> 0647 ه 0645 م 062C ج
FD80		ARABIC LIGATURE LAM WITH HAH WITH MEEM FINAL FORM ≈ <final> 0642 ق 0645 م 0645 م	FD95		ARABIC LIGATURE NOON WITH HAH WITH MEEM INITIAL FORM ≈ <initial> 0646 ن 062D ح 0649 م
FD81		ARABIC LIGATURE LAM WITH HAH WITH YEH FINAL FORM ≈ <final> 0644 ل 062D ح 0645 م	FD96		ARABIC LIGATURE NOON WITH HAH WITH ALEF MAKWSRA FINAL FORM ≈ <final> 0646 ن 062D ح 0645 م
FD82		ARABIC LIGATURE LAM WITH HAH WITH ALEF MAKWSRA FINAL FORM ≈ <final> 0644 ل 062D ح 064A ي	FD97		ARABIC LIGATURE NOON WITH HAH WITH JEEM FINAL FORM ≈ <final> 0646 ن 062D ح 0649 م
FD83		ARABIC LIGATURE LAM WITH JEEM WITH JEEM INITIAL FORM ≈ <initial> 0644 ل 062D ح 062C ج	FD98		ARABIC LIGATURE NOON WITH HAH WITH MEEM INITIAL FORM ≈ <initial> 0646 ن 062C ج 0645 م
		≈ <final> 0644 ل 062D ح 0649 م	FD99		ARABIC LIGATURE NOON WITH HAH WITH ALEF MAKWSRA FINAL FORM ≈ <final> 0646 ن 062C ج 0645 م
		≈ <initial> 0644 ل 062C ج 062C ح	FD9A		ARABIC LIGATURE NOON WITH HAH WITH YEH FINAL FORM ≈ <final> 0646 ن 0645 م 064A ي

FD9B	خـ	ARABIC LIGATURE NOON WITH MEEM WITH ALEF MAKSURA FINAL FORM ≈ <final> 0646 نـ 0645 مـ 0649 يـ	FDB0	يـ	ARABIC LIGATURE YEH WITH MEEM WITH YEH FINAL FORM ≈ <final> 064A يـ 0645 مـ 064A يـ
FD9C	مـ	ARABIC LIGATURE YEH WITH MEEM WITH MEEM FINAL FORM ≈ <final> 064A يـ 0645 مـ 0645 مـ	FDB1	مـ	ARABIC LIGATURE MEEM WITH MEEM WITH YEH FINAL FORM ≈ <final> 0645 مـ 0645 مـ 064A يـ
FD9D	ـبـ	ARABIC LIGATURE YEH WITH MEEM WITH MEEM INITIAL FORM ≈ <initial> 064A يـ 0645 مـ 0645 مـ	FDB2	ـقـ	ARABIC LIGATURE QAF WITH MEEM WITH YEH FINAL FORM ≈ <final> 0642 قـ 0645 مـ 064A يـ
FD9E	ـخـ	ARABIC LIGATURE BEH WITH KHAH WITH YEH FINAL FORM ≈ <final> 0628 بـ 062E خـ 064A يـ	FDB3	ـخـ	ARABIC LIGATURE NOON WITH HAH WITH YEH FINAL FORM ≈ <final> 0646 نـ 062D حـ 064A يـ
FD9F	ـجـ	ARABIC LIGATURE TEH WITH JEEM WITH YEH FINAL FORM ≈ <final> 062A تـ 062C جـ 064A يـ	FDB4	ـحـ	ARABIC LIGATURE QAF WITH MEEM WITH HAH INITIAL FORM ≈ <initial> 0642 حـ 0645 مـ 062D حـ
FDA0	ـخـ	ARABIC LIGATURE TEH WITH JEEM WITH ALEF MAKSURA FINAL FORM ≈ <final> 062A تـ 062C جـ 0649 يـ	FDB5	ـلـ	ARABIC LIGATURE LAM WITH HAH WITH MEEM INITIAL FORM ≈ <initial> 0642 لـ 0645 مـ 062D حـ
FDA1	ـخـ	ARABIC LIGATURE TEH WITH KHAH WITH YEH FINAL FORM ≈ <final> 062A تـ 062E خـ 0649 يـ	FDB6	ـيـ	ARABIC LIGATURE AIN WITH MEEM WITH YEH FINAL FORM ≈ <final> 0639 عـ 0645 مـ 064A يـ
FDA2	ـخـ	ARABIC LIGATURE TEH WITH KHAH WITH ALEF MAKSURA FINAL FORM ≈ <final> 062A تـ 062E خـ 0649 يـ	FDB7	ـكـ	ARABIC LIGATURE KAF WITH MEEM WITH YEH FINAL FORM ≈ <final> 0643 كـ 0645 مـ 064A يـ
FDA3	ـتـ	ARABIC LIGATURE TEH WITH MEEM WITH YEH FINAL FORM ≈ <final> 062A تـ 0645 مـ 064A يـ	FDB8	ـنـ	ARABIC LIGATURE NOON WITH JEEM WITH HAH INITIAL FORM ≈ <initial> 0646 نـ 062C جـ 062D حـ
FDA4	ـخـ	ARABIC LIGATURE TEH WITH MEEM WITH ALEF MAKSURA FINAL FORM ≈ <final> 062A تـ 0645 مـ 064A يـ	FDB9	ـخـ	ARABIC LIGATURE MEEM WITH KHAH WITH YEH FINAL FORM ≈ <final> 0645 مـ 062E خـ 064A يـ
FDA5	ـجـ	ARABIC LIGATURE JEEM WITH MEEM WITH YEH FINAL FORM ≈ <final> 062A تـ 0645 مـ 0649 يـ	FDBA	ـلـ	ARABIC LIGATURE LAM WITH JEEM WITH MEEM INITIAL FORM ≈ <initial> 0644 لـ 062C جـ 0645 مـ
FDA6	ـجـ	ARABIC LIGATURE JEEM WITH HAH WITH ALEF MAKSURA FINAL FORM ≈ <final> 062C جـ 0645 مـ 064A يـ	FDBB	ـكـ	ARABIC LIGATURE KAF WITH MEEM WITH MEEM FINAL FORM ≈ <final> 0643 كـ 0645 مـ 0645 مـ
FDA7	ـجـ	ARABIC LIGATURE JEEM WITH MEEM WITH ALEF MAKSURA FINAL FORM ≈ <final> 062C جـ 0649 يـ	FDBC	ـنـ	ARABIC LIGATURE LAM WITH JEEM WITH MEEM FINAL FORM ≈ <final> 0644 نـ 062C جـ 0645 مـ
FDA8	ـسـ	ARABIC LIGATURE SEEN WITH KHAH WITH ALEF MAKSURA FINAL FORM ≈ <final> 062C جـ 0645 مـ 0649 يـ	FDBD	ـخـ	ARABIC LIGATURE NOON WITH JEEM WITH HAH FINAL FORM ≈ <final> 0646 نـ 062D حـ 062D حـ
FDA9	ـصـ	ARABIC LIGATURE SAD WITH HAH WITH YEH FINAL FORM ≈ <final> 0633 سـ 062E خـ 0649 يـ	FDBE	ـيـ	ARABIC LIGATURE JEEM WITH HAH WITH YEH FINAL FORM ≈ <final> 0646 نـ 062C جـ 0645 مـ
FDAA	ـشـ	ARABIC LIGATURE SHEEN WITH HAH WITH YEH FINAL FORM ≈ <final> 0635 صـ 062D حـ 064A يـ	FDBF	ـيـ	ARABIC LIGATURE HAH WITH JEEM WITH YEH FINAL FORM ≈ <final> 062C حـ 062D حـ 064A يـ
FDAB	ـخـ	ARABIC LIGATURE DAD WITH HAH WITH YEH FINAL FORM ≈ <final> 0634 شـ 062D حـ 064A يـ	FDC0	ـيـ	ARABIC LIGATURE MEEM WITH JEEM WITH YEH FINAL FORM ≈ <final> 062D حـ 062C جـ 064A يـ
FDAC	ـلـ	ARABIC LIGATURE LAM WITH JEEM WITH YEH FINAL FORM ≈ <final> 0636 لـ 062D حـ 064A يـ	FDC1	ـغـ	ARABIC LIGATURE FEH WITH MEEM WITH YEH FINAL FORM ≈ <final> 0645 مـ 062C جـ 064A يـ
FDAD	ـلـ	ARABIC LIGATURE LAM WITH MEEM WITH YEH FINAL FORM ≈ <final> 0644 لـ 062C جـ 064A يـ	FDC2	ـيـ	ARABIC LIGATURE BEH WITH HAH WITH YEH FINAL FORM ≈ <final> 0641 فـ 0645 مـ 064A يـ
FDAE	ـجـ	ARABIC LIGATURE YEH WITH HAH WITH YEH FINAL FORM ≈ <final> 0644 لـ 0645 مـ 064A يـ	FDC3	ـكـ	ARABIC LIGATURE KAF WITH MEEM WITH MEEM INITIAL FORM ≈ <final> 0628 بـ 062D حـ 064A يـ
FDAF	ـجـ	ARABIC LIGATURE YEH WITH JEEM WITH YEH FINAL FORM ≈ <final> 064A يـ 062D حـ 064A يـ	FDC4	ـنـ	ARABIC LIGATURE AIN WITH JEEM WITH MEEM INITIAL FORM ≈ <initial> 0643 نـ 0645 مـ 0645 مـ
		≈ <final> 064A يـ 062C جـ 064A يـ			≈ <initial> 0639 عـ 062C جـ 0645 مـ

FDC5	سـ	ARABIC LIGATURE SAD WITH MEEM WITH MEEM INITIAL FORM ≈ <initial> 0635 س 0645 م 0645 م
FDC6	سـ	ARABIC LIGATURE SEEN WITH KAH WITH YEH FINAL FORM ≈ <final> 0633 س 062E خ 064A ي
FDC7	نـ	ARABIC LIGATURE NOON WITH JEEM WITH YEH FINAL FORM ≈ <final> 0646 ن 062C ج 064A ي

**Noncharacters***These codes are intended for process-internal uses.*

FDD0	█	<not a character>
FDD1	█	<not a character>
FDD2	█	<not a character>
FDD3	█	<not a character>
FDD4	█	<not a character>
FDD5	█	<not a character>
FDD6	█	<not a character>
FDD7	█	<not a character>
FDD8	█	<not a character>
FDD9	█	<not a character>
FDDA	█	<not a character>
FDBB	█	<not a character>
FDDC	█	<not a character>
FDDD	█	<not a character>
FDDE	█	<not a character>
FDDF	█	<not a character>
FDE0	█	<not a character>
FDE1	█	<not a character>
FDE2	█	<not a character>
FDE3	█	<not a character>
FDE4	█	<not a character>
FDE5	█	<not a character>
FDE6	█	<not a character>
FDE7	█	<not a character>
FDE8	█	<not a character>
FDE9	█	<not a character>
FDEA	█	<not a character>
FDEB	█	<not a character>
FDEC	█	<not a character>
FDED	█	<not a character>
FDEE	█	<not a character>
FDEF	█	<not a character>

**Word ligatures**

FDF0	ـ	ARABIC LIGATURE SALLA USED AS KORANIC STOP SIGN ISOLATED FORM ≈ <isolated> 0635 سـ 0644 جـ 06D2 لـ
FDF1	ـ	ARABIC LIGATURE QALA USED AS KORANIC STOP SIGN ISOLATED FORM ≈ <isolated> 0642 قـ 0644 جـ 06D2 لـ
FDF2	ـ	ARABIC LIGATURE ALLAH ISOLATED FORM ≈ <isolated> 0627 اللهـ 0644 جـ 0647 هـ
FDF3	ـ	ARABIC LIGATURE AKBAR ISOLATED FORM ≈ <isolated> 0627 اـ 0643 كـ 0628 رـ 0631 عـ
FDF4	ـ	ARABIC LIGATURE MOHAMMAD ISOLATED FORM ≈ <isolated> 0645 حـ 062D مـ 0645 مـ 062F دـ
FDF5	ـ	ARABIC LIGATURE SALAM ISOLATED FORM ≈ <isolated> 0635 صـ 0644 جـ 0639 عـ 0645 مـ
FDF6	ـ	ARABIC LIGATURE RASOUL ISOLATED FORM ≈ <isolated> 0631 رـ 0633 سـ 0648 وـ 0644 جـ

FDF7	ـ	ARABIC LIGATURE ALAYHE ISOLATED FORM ≈ <isolated> 0639 عـ 0644 جـ 064A يـ 0647 هـ
FDF8	ـ	ARABIC LIGATURE WASALLAM ISOLATED FORM ≈ <isolated> 0648 وـ 0633 صـ 0644 جـ 0645 مـ
FDF9	ـ	ARABIC LIGATURE SALLA ISOLATED FORM ≈ <isolated> 0635 صـ 0644 جـ 0649 يـ
FDFA	ـ	ARABIC LIGATURE SALLALLAHOU ALAYHE WASALLAM ≈ <isolated> 0635 صـ 0644 جـ 0649 يـ 0020 [sp] 0627   0644 جـ 0644 جـ 0647 هـ 0020 [sp] 0639 عـ 0644 جـ 064A يـ 0647 هـ 0020 [sp] 0648 وـ 0633 صـ 0644 جـ 0645 مـ
FDFB	ـ	ARABIC LIGATURE JALLAJALALOUHOU ≈ <isolated> 062C جـ 0644 جـ 0020 [sp] 062C جـ 0644 جـ 0627   0644 جـ 0647 هـ

**Currency sign**

FDFC	﷼	RIAL SIGN ≈ <isolated> 0631 رـ 06CC يـ 0627   0644 جـ
------	---	--

**Symbol**

FDFD	﷽	ARABIC LIGATURE BISMILLAH AR-RAHMAN AR-RAHEEM
------	---	---

	FE00
0	VS 1 FE00
1	VS 2 FE01
2	VS 3 FE02
3	VS 4 FE03
4	VS 5 FE04
5	VS 6 FE05
6	VS 7 FE06
7	VS 8 FE07
8	VS 9 FE08
9	VS 10 FE09
A	VS 11 FE0A
B	VS 12 FE0B
C	VS 13 FE0C
D	VS 14 FE0D
E	VS 15 FE0E
F	VS 16 FE0F

**Variation selectors**

*Combining characters; in conjunction with the preceding character these indicate a predetermined choice of variant glyph*

FE00 VARIATION SELECTOR-1

- these are abbreviated VS1, and so on

FE01 VARIATION SELECTOR-2

FE02 VARIATION SELECTOR-3

FE03 VARIATION SELECTOR-4

FE04 VARIATION SELECTOR-5

FE05 VARIATION SELECTOR-6

FE06 VARIATION SELECTOR-7

FE07 VARIATION SELECTOR-8

FE08 VARIATION SELECTOR-9

FE09 VARIATION SELECTOR-10

FE0A VARIATION SELECTOR-11

FE0B VARIATION SELECTOR-12

FE0C VARIATION SELECTOR-13

FE0D VARIATION SELECTOR-14

FE0E VARIATION SELECTOR-15

FE0F VARIATION SELECTOR-16

	FE1
0	,
1	、
2	◦
3	· ·
4	；
5	！
6	？
7	〔
8	〕
9	· ·
A	…
B	…
C	…
D	…
E	…
F	…

*These characters are compatibility characters needed to map to GB 18030.*

#### Glyphs for vertical variants

- FE10 ' PRESENTATION FORM FOR VERTICAL COMMA  
→ FE50 ' small comma  
≈ <vertical> 002C ,
- FE11 ' PRESENTATION FORM FOR VERTICAL IDEOGRAPHIC COMMA  
→ FE45 ' sesame dot  
→ FE51 ' small ideographic comma  
≈ <vertical> 3001 '
- FE12 ° PRESENTATION FORM FOR VERTICAL IDEOGRAPHIC FULL STOP  
≈ <vertical> 3002 °
- FE13 : PRESENTATION FORM FOR VERTICAL COLON  
→ FE55 : small colon  
≈ <vertical> 003A :
- FE14 ; PRESENTATION FORM FOR VERTICAL SEMICOLON  
→ FE54 ; small semicolon  
≈ <vertical> 003B ;
- FE15 ! PRESENTATION FORM FOR VERTICAL EXCLAMATION MARK  
→ FE57 ! small exclamation mark  
≈ <vertical> 0021 !
- FE16 ? PRESENTATION FORM FOR VERTICAL QUESTION MARK  
→ FE56 ? small question mark  
≈ <vertical> 003F ?
- FE17 〔 PRESENTATION FORM FOR VERTICAL LEFT WHITE LENTICULAR BRACKET  
≈ <vertical> 3016 〔
- FE18 〕 PRESENTATION FORM FOR VERTICAL RIGHT WHITE LENTICULAR BRACKET  
× PRESENTATION FORM FOR VERTICAL RIGHT WHITE LENTICULAR BRACKET  
• misspelling of "BRACKET" in character name is a known defect  
≈ <vertical> 3017 〕
- FE19 … PRESENTATION FORM FOR VERTICAL HORIZONTAL ELLIPSIS  
→ 22EE … vertical ellipsis  
≈ <vertical> 2026 ...

	FE2
0	(6) FE20
1	(7) FE21
2	(8) FE22
3	(9) FE23
4	(10) FE24
5	(11) FE25
6	(12) FE26
7	(13) FE27
8	(14) FE28
9	(15) FE29
A	(16) FE2A
B	(17) FE2B
C	(18) FE2C
D	(19) FE2D
E	
F	

## Combining half marks

- |      |   |   |
|------|---|---|
| FE20 | ጀ | COMBINING LIGATURE LEFT HALF  |
| FE21 | ጀ | COMBINING LIGATURE RIGHT HALF<br>→ 0361 ገ combining double inverted breve |
| FE22 | ጀ | COMBINING DOUBLE TILDE LEFT HALF  |
| FE23 | ጀ | COMBINING DOUBLE TILDE RIGHT HALF<br>→ 0360 ገ combining double tilde      |

## Continuous macrons for Coptic

*These are used in combinations to represent continuous macrons over a sequence of Coptic letters.*

- |      |        |                             |
|------|--------|-----------------------------|
| FE24 | ○      | COMBINING MACRON LEFT HALF  |
| FE25 | ○      | COMBINING MACRON RIGHT HALF |
| FE26 | ○      | COMBINING CONJOINING MACRON |
|      | → 0304 | ○ combining macron          |
|      | → 035E | ○ combining double macron   |

## Combining half marks below

*These are used in combinations to represent a ligature, tilde, or macron that extend underneath more than two characters.*

- |      |   |  |
|------|---|--|
| FE27 | ○ | COMBINING LIGATURE LEFT HALF BELOW   |
| FE28 | ○ | COMBINING LIGATURE RIGHT HALF BELOW<br>→ 035C ○ combining double breve below                                   |
| FE29 | ○ | COMBINING TILDE LEFT HALF BELOW  |
| FE2A | ○ | COMBINING TILDE RIGHT HALF BELOW   |
| FE2B | ○ | COMBINING MACRON LEFT HALF BELOW   |
| FE2C | ○ | COMBINING MACRON RIGHT HALF BELOW  |
| FE2D | ○ | COMBINING CONJOINING MACRON BELOW<br>→ 0331 ○ combining macron below<br>→ 035F ○ combining double macron below |

	FE3	FE4
0	⋮	﹀
	FE30	FE40
1		﹂
	FE31	FE41
2		﹂
	FE32	FE42
3		﹂
	FE33	FE43
4	{}	﹂
	FE34	FE44
5	( )	﹂
	FE35	FE45
6	( )	﹂
	FE36	FE46
7	{ }	﹂
	FE37	FE47
8	{ }	﹂
	FE38	FE48
9	⌇	---
	FE39	FE49
A	⌈	---
	FE3A	FE4A
B	⌉	~~~~
	FE3B	FE4B
C	⌊	~~~~~
	FE3C	FE4C
D	⌋	---
	FE3D	FE4D
E	⌌	---
	FE3E	FE4E
F	⌍	~~~~
	FE3F	FE4F

**Glyphs for vertical variants**

- FE30 : PRESENTATION FORM FOR VERTICAL TWO DOT LEADER  
 $\approx <\text{vertical}> 2025 ..$
- FE31 | PRESENTATION FORM FOR VERTICAL EM DASH  
 $\approx <\text{vertical}> 2014 —$
- FE32 ‖ PRESENTATION FORM FOR VERTICAL EN DASH  
 $\approx <\text{vertical}> 2013 —$
- FE33 | PRESENTATION FORM FOR VERTICAL LOW LINE  
 $\approx <\text{vertical}> 005F _$
- FE34 { PRESENTATION FORM FOR VERTICAL WAVY LOW LINE  
 $\approx <\text{vertical}> 005F _$
- FE35 ~ PRESENTATION FORM FOR VERTICAL LEFT PARENTHESIS  
 $\rightarrow 23DC \_ \text{ top parenthesis}$   
 $\approx <\text{vertical}> 0028 ($
- FE36 ) PRESENTATION FORM FOR VERTICAL RIGHT PARENTHESIS  
 $\rightarrow 23DD \_ \text{ bottom parenthesis}$   
 $\approx <\text{vertical}> 0029 )$
- FE37 { PRESENTATION FORM FOR VERTICAL LEFT CURLY BRACKET  
 $\rightarrow 23DE \_ \text{ top curly bracket}$   
 $\approx <\text{vertical}> 007B \{$
- FE38 ) PRESENTATION FORM FOR VERTICAL RIGHT CURLY BRACKET  
 $\rightarrow 23DF \_ \text{ bottom curly bracket}$   
 $\approx <\text{vertical}> 007D }$
- FE39 { PRESENTATION FORM FOR VERTICAL LEFT TORTOISE SHELL BRACKET  
 $\rightarrow 23E0 \_ \text{ top tortoise shell bracket}$   
 $\approx <\text{vertical}> 3014 ($
- FE3A ) PRESENTATION FORM FOR VERTICAL RIGHT TORTOISE SHELL BRACKET  
 $\rightarrow 23E1 \_ \text{ bottom tortoise shell bracket}$   
 $\approx <\text{vertical}> 3015 )$
- FE3B [ PRESENTATION FORM FOR VERTICAL LEFT BLACK LENTICULAR BRACKET  
 $\approx <\text{vertical}> 3010 [$
- FE3C ] PRESENTATION FORM FOR VERTICAL RIGHT BLACK LENTICULAR BRACKET  
 $\approx <\text{vertical}> 3011 ]$
- FE3D { PRESENTATION FORM FOR VERTICAL LEFT DOUBLE ANGLE BRACKET  
 $\approx <\text{vertical}> 300A \langle$
- FE3E ) PRESENTATION FORM FOR VERTICAL RIGHT DOUBLE ANGLE BRACKET  
 $\approx <\text{vertical}> 300B \rangle$
- FE3F { PRESENTATION FORM FOR VERTICAL LEFT ANGLE BRACKET  
 $\approx <\text{vertical}> 3008 \langle$
- FE40 ) PRESENTATION FORM FOR VERTICAL RIGHT ANGLE BRACKET  
 $\approx <\text{vertical}> 3009 \rangle$
- FE41 [ PRESENTATION FORM FOR VERTICAL LEFT CORNER BRACKET  
 $\approx <\text{vertical}> 300C \_ \Gamma$
- FE42 ] PRESENTATION FORM FOR VERTICAL RIGHT CORNER BRACKET  
 $\approx <\text{vertical}> 300D \_ \Gamma$
- FE43 { PRESENTATION FORM FOR VERTICAL LEFT WHITE CORNER BRACKET  
 $\approx <\text{vertical}> 300E \_ \Gamma$

FE44 ⌂ PRESENTATION FORM FOR VERTICAL RIGHT WHITE CORNER BRACKET  
 $\approx <\text{vertical}> 300F \_ \Gamma$

**Sidelining emphasis marks**

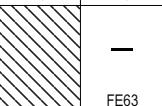
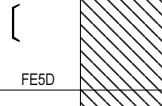
- FE45 ` SESAME DOT  
 $\rightarrow \text{FE51 } ` \text{ small ideographic comma}$
- FE46 ' WHITE SESAME DOT  
• sesame dots are used beside vertical text for emphasis

**Glyphs for vertical variants**

- FE47 ⌂ PRESENTATION FORM FOR VERTICAL LEFT SQUARE BRACKET  
 $\rightarrow 23B4 \_ \Gamma \text{ top square bracket}$   
 $\approx <\text{vertical}> 005B [$
- FE48 ⌂ PRESENTATION FORM FOR VERTICAL RIGHT SQUARE BRACKET  
 $\rightarrow 23B5 \_ \Gamma \text{ bottom square bracket}$   
 $\approx <\text{vertical}> 005D ]$

**Overscores and underscores**

- FE49 ⌁ DASHED OVERLINE  
 $\approx 203E \_ \Gamma \text{ overline}$
- FE4A ⌂ CENTRELINE OVERLINE  
 $\approx 203E \_ \Gamma \text{ overline}$
- FE4B ⌁ WAVY OVERLINE  
 $\approx 203E \_ \Gamma \text{ overline}$
- FE4C ⌁ DOUBLE WAVY OVERLINE  
 $\approx 203E \_ \Gamma \text{ overline}$
- FE4D ⌁ DASHED LOW LINE  
 $\approx 005F \_ \Gamma \text{ low line}$
- FE4E ⌂ CENTRELINE LOW LINE  
 $\approx 005F \_ \Gamma \text{ low line}$
- FE4F ⌁ WAVY LOW LINE  
 $\approx 005F \_ \Gamma \text{ low line}$

	FE5	FE6	
0	,	&	
	FE50	FE60	
1	‘	*	
	FE51	FE61	
2	·	+	
	FE52	FE62	
3			
	—		
	FE63		
4	;	<	
	FE54	FE64	
5	:	>	
	FE55	FE65	
6	?	=	
	FE56	FE66	
7	!		
	FE57		
8	-	\	
	FE58	FE68	
9	(	\$	
	FE59	FE69	
A	)	%	
	FE5A	FE6A	
B	{	@	
	FE5B	FE6B	
C	}		
	FE5C		
D	[		
	FE5D		
E			
	FE5E		
F	#		
	FE5F		

FE50

## Small Form Variants

FE6B

*Compatibility variants for CNS 11643.*FE6B @ SMALL COMMERCIAL AT  
≈ <small> 0040 @**Small form variants**

FE50	'	SMALL COMMA
		→ FE10 ' presentation form for vertical comma
		≈ <small> 002C ,
FE51	,	SMALL IDEOGRAPHIC COMMA
		→ FE11 , presentation form for vertical ideographic comma
		→ FE45 , sesame dot
		≈ <small> 3001 ,
FE52	.	SMALL FULL STOP
		≈ <small> 002E .
FE53	¤	<reserved>
FE54	;	SMALL SEMICOLON
		→ FE14 ; presentation form for vertical semicolon
		≈ <small> 003B ;
FE55	:	SMALL COLON
		→ FE13 : presentation form for vertical colon
		≈ <small> 003A :
FE56	?	SMALL QUESTION MARK
		≈ <small> 003F ?
FE57	!	SMALL EXCLAMATION MARK
		≈ <small> 0021 !
FE58	-	SMALL EM DASH
		≈ <small> 2014 —
FE59	(	SMALL LEFT PARENTHESIS
		≈ <small> 0028 (
FE5A	)	SMALL RIGHT PARENTHESIS
		≈ <small> 0029 )
FE5B	{	SMALL LEFT CURLY BRACKET
		≈ <small> 007B {
FE5C	}	SMALL RIGHT CURLY BRACKET
		≈ <small> 007D }
FE5D	[	SMALL LEFT TORTOISE SHELL BRACKET
		≈ <small> 3014 [
FE5E	]	SMALL RIGHT TORTOISE SHELL BRACKET
		≈ <small> 3015 ]
FE5F	#	SMALL NUMBER SIGN
		≈ <small> 0023 #
FE60	&	SMALL AMPERSAND
		≈ <small> 0026 &
FE61	*	SMALL ASTERISK
		≈ <small> 002A *
FE62	+	SMALL PLUS SIGN
		≈ <small> 002B +
FE63	-	SMALL HYPHEN-MINUS
		≈ <small> 002D -
FE64	<	SMALL LESS-THAN SIGN
		≈ <small> 003C <
FE65	>	SMALL GREATER-THAN SIGN
		≈ <small> 003E >
FE66	=	SMALL EQUALS SIGN
		≈ <small> 003D =
FE67	¤	<reserved>
FE68	\	SMALL REVERSE SOLIDUS
		≈ <small> 005C \
FE69	\$	SMALL DOLLAR SIGN
		≈ <small> 0024 \$
FE6A	%	SMALL PERCENT SIGN
		≈ <small> 0025 %

	FE7	FE8	FE9	FEA	FEB	FEC	FED	FEE	FEF
0	՚	ء	ب	ج	ز	ض	خ	ل	ى
1	՚	ـ	ـ	ح	س	ط	ف	م	ي
2	ـ	ـ	ـ	ح	س	ط	ف	م	ي
3	ـ	أ	ة	ه	س	ط	ف	م	ي
4	ـ	أ	ة	ه	س	ط	خ	ه	ـ
5	ـ	ـ	ـ	ـ	ـ	ـ	ـ	ـ	ـ
6	ـ	ـ	ـ	ـ	ـ	ـ	ـ	ـ	ـ
7	ـ	ـ	ـ	ـ	ـ	ـ	ـ	ـ	ـ
8	ـ	ـ	ـ	ـ	ـ	ـ	ـ	ـ	ـ
9	ـ	ـ	ـ	ـ	ـ	ـ	ـ	ـ	ـ
A	ـ	ـ	ـ	ـ	ـ	ـ	ـ	ـ	ـ
B	ـ	ـ	ـ	ـ	ـ	ـ	ـ	ـ	ـ
C	ـ	ـ	ـ	ـ	ـ	ـ	ـ	ـ	ـ
D	ـ	ـ	ـ	ـ	ـ	ـ	ـ	ـ	ـ
E	ـ	ـ	ـ	ـ	ـ	ـ	ـ	ـ	ـ
F	ـ	ـ	ـ	ـ	ـ	ـ	ـ	ـ	ـ

*Preferred characters are found in the Arabic block 0600 - 06FF. Some of these characters are used for Arabic mathematics where contextual shape variations are important semantically.*

#### Glyphs for spacing forms of Arabic points

- FE70 ⠄ ARABIC FATHATAN ISOLATED FORM  
≈ <isolated> 0020 [sp] 064B ܂
- FE71 ⠄ ARABIC TATWEEL WITH FATHATAN ABOVE  
≈ <medial> 0640 - 064B ܂
- FE72 ⠄ ARABIC DAMMATAN ISOLATED FORM  
≈ <isolated> 0020 [sp] 064C ܃

#### Glyph part

- FE73 ⠄ ARABIC TAIL FRAGMENT
  - for compatibility with certain legacy character sets

#### Glyphs for spacing forms of Arabic points

- FE74 ⠄ ARABIC KASRATAN ISOLATED FORM  
≈ <isolated> 0020 [sp] 064D ܉
- FE75 ⠄ <reserved>
- FE76 ⠄ ARABIC FATHA ISOLATED FORM  
≈ <isolated> 0020 [sp] 064E ܂
- FE77 ⠄ ARABIC FATHA MEDIAL FORM  
≈ <medial> 0640 - 064E ܂
- FE78 ⠄ ARABIC DAMMA ISOLATED FORM  
≈ <isolated> 0020 [sp] 064F ܃
- FE79 ⠄ ARABIC DAMMA MEDIAL FORM  
≈ <medial> 0640 - 064F ܃
- FE7A ⠄ ARABIC KASRA ISOLATED FORM  
≈ <isolated> 0020 [sp] 0650 ܉
- FE7B ⠄ ARABIC KASRA MEDIAL FORM  
≈ <medial> 0640 - 0650 ܉
- FE7C ⠄ ARABIC SHADDA ISOLATED FORM  
≈ <isolated> 0020 [sp] 0651 ܂
- FE7D ⠄ ARABIC SHADDA MEDIAL FORM  
≈ <medial> 0640 - 0651 ܂
- FE7E ⠄ ARABIC SUKUN ISOLATED FORM  
≈ <isolated> 0020 [sp] 0652 ܂
- FE7F ⠄ ARABIC SUKUN MEDIAL FORM  
≈ <medial> 0640 - 0652 ܂

#### Basic glyphs for Arabic language contextual forms

- FE80 ⠄ ARABIC LETTER HAMZA ISOLATED FORM  
≈ <isolated> 0621 ܊
- FE81 ⠄ ARABIC LETTER ALEF WITH MADDA ABOVE ISOLATED FORM  
≈ <isolated> 0622 ܂
- FE82 ⠄ ARABIC LETTER ALEF WITH MADDA ABOVE FINAL FORM  
≈ <final> 0622 ܂
- FE83 ⠄ ARABIC LETTER ALEF WITH HAMZA ABOVE ISOLATED FORM  
≈ <isolated> 0623 ܊
- FE84 ⠄ ARABIC LETTER ALEF WITH HAMZA ABOVE FINAL FORM  
≈ <final> 0623 ܊
- FE85 ⠄ ARABIC LETTER WAW WITH HAMZA ABOVE ISOLATED FORM  
≈ <isolated> 0624 ܂
- FE86 ⠄ ARABIC LETTER WAW WITH HAMZA ABOVE FINAL FORM  
≈ <final> 0624 ܂

- FE87 ⠄ ARABIC LETTER ALEF WITH HAMZA BELOW ISOLATED FORM  
≈ <isolated> 0625 ܊
- FE88 ⠄ ARABIC LETTER ALEF WITH HAMZA BELOW FINAL FORM  
≈ <final> 0625 ܊
- FE89 ⠄ ARABIC LETTER YEH WITH HAMZA ABOVE ISOLATED FORM  
≈ <isolated> 0626 ܂
- FE8A ⠄ ARABIC LETTER YEH WITH HAMZA ABOVE FINAL FORM  
≈ <final> 0626 ܂
- FE8B ⠄ ARABIC LETTER YEH WITH HAMZA ABOVE INITIAL FORM  
≈ <initial> 0626 ܂
- FE8C ⠄ ARABIC LETTER YEH WITH HAMZA ABOVE MEDIAL FORM  
≈ <medial> 0626 ܂
- FE8D ⠄ ARABIC LETTER ALEF ISOLATED FORM  
≈ <isolated> 0627 ܊
- FE8E ⠄ ARABIC LETTER ALEF FINAL FORM  
≈ <final> 0627 ܊
- FE8F ⠄ ARABIC LETTER BEH ISOLATED FORM  
≈ <isolated> 0628 ܂
- FE90 ⠄ ARABIC LETTER BEH FINAL FORM  
≈ <final> 0628 ܂
- FE91 ⠄ ARABIC LETTER BEH INITIAL FORM  
≈ <initial> 0628 ܂
- FE92 ⠄ ARABIC LETTER BEH MEDIAL FORM  
≈ <medial> 0628 ܂
- FE93 ⠄ ARABIC LETTER TEH MARBUTA ISOLATED FORM  
≈ <isolated> 0629 ܊
- FE94 ⠄ ARABIC LETTER TEH MARBUTA FINAL FORM  
≈ <final> 0629 ܊
- FE95 ⠄ ARABIC LETTER TEH ISOLATED FORM  
≈ <isolated> 062A ܂
- FE96 ⠄ ARABIC LETTER TEH FINAL FORM  
≈ <final> 062A ܂
- FE97 ⠄ ARABIC LETTER TEH INITIAL FORM  
≈ <initial> 062A ܂
- FE98 ⠄ ARABIC LETTER TEH MEDIAL FORM  
≈ <medial> 062A ܂
- FE99 ⠄ ARABIC LETTER THEH ISOLATED FORM  
≈ <isolated> 062B ܂
- FE9A ⠄ ARABIC LETTER THEH FINAL FORM  
≈ <final> 062B ܂
- FE9B ⠄ ARABIC LETTER THEH INITIAL FORM  
≈ <initial> 062B ܂
- FE9C ⠄ ARABIC LETTER THEH MEDIAL FORM  
≈ <medial> 062B ܂
- FE9D ⠄ ARABIC LETTER JEEM ISOLATED FORM  
≈ <isolated> 062C ܂
- FE9E ⠄ ARABIC LETTER JEEM FINAL FORM  
≈ <final> 062C ܂
- FE9F ⠄ ARABIC LETTER JEEM INITIAL FORM  
≈ <initial> 062C ܂
- FEA0 ⠄ ARABIC LETTER JEEM MEDIAL FORM  
≈ <medial> 062C ܂
- FEA1 ⠄ ARABIC LETTER HAH ISOLATED FORM  
≈ <isolated> 062D ܂
- FEA2 ⠄ ARABIC LETTER HAH FINAL FORM  
≈ <final> 062D ܂

FEA3	>	ARABIC LETTER HAH INITIAL FORM ≈ <initial> 062D ح
FEA4	~	ARABIC LETTER HAH MEDIAL FORM ≈ <medial> 062D ح
FEA5	ـ	ARABIC LETTER KHAH ISOLATED FORM ≈ <isolated> 062E خـ
FEA6	ـ	ARABIC LETTER KHAH FINAL FORM ≈ <final> 062E خـ
FEA7	ـ	ARABIC LETTER KHAH INITIAL FORM ≈ <initial> 062E خـ
FEA8	ـ	ARABIC LETTER KHAH MEDIAL FORM ≈ <medial> 062E خـ
FEA9	ـ	ARABIC LETTER DAL ISOLATED FORM ≈ <isolated> 062F دـ
FEAA	ـ	ARABIC LETTER DAL FINAL FORM ≈ <final> 062F دـ
FEAB	ـ	ARABIC LETTER THAL ISOLATED FORM ≈ <isolated> 0630 ذـ
FEAC	ـ	ARABIC LETTER THAL FINAL FORM ≈ <final> 0630 ذـ
FEAD	ـ	ARABIC LETTER REH ISOLATED FORM ≈ <isolated> 0631 رـ
FEAE	ـ	ARABIC LETTER REH FINAL FORM ≈ <final> 0631 رـ
FEAF	ـ	ARABIC LETTER ZAIN ISOLATED FORM ≈ <isolated> 0632 زـ
FEB0	ـ	ARABIC LETTER ZAIN FINAL FORM ≈ <final> 0632 زـ
FEB1	ـ	ARABIC LETTER SEEN ISOLATED FORM ≈ <isolated> 0633 سـ
FEB2	ـ	ARABIC LETTER SEEN FINAL FORM ≈ <final> 0633 سـ
FEB3	ـ	ARABIC LETTER SEEN INITIAL FORM ≈ <initial> 0633 سـ
FEB4	ـ	ARABIC LETTER SEEN MEDIAL FORM ≈ <medial> 0633 سـ
FEB5	ـ	ARABIC LETTER SHEEN ISOLATED FORM ≈ <isolated> 0634 شـ
FEB6	ـ	ARABIC LETTER SHEEN FINAL FORM ≈ <final> 0634 شـ
FEB7	ـ	ARABIC LETTER SHEEN INITIAL FORM ≈ <initial> 0634 شـ
FEB8	ـ	ARABIC LETTER SHEEN MEDIAL FORM ≈ <medial> 0634 شـ
FEB9	ـ	ARABIC LETTER SAD ISOLATED FORM ≈ <isolated> 0635 ضـ
FEBA	ـ	ARABIC LETTER SAD FINAL FORM ≈ <final> 0635 ضـ
FEBB	ـ	ARABIC LETTER SAD INITIAL FORM ≈ <initial> 0635 ضـ
FEBC	ـ	ARABIC LETTER SAD MEDIAL FORM ≈ <medial> 0635 ضـ
FEBD	ـ	ARABIC LETTER DAD ISOLATED FORM ≈ <isolated> 0636 ضـ
FEBE	ـ	ARABIC LETTER DAD FINAL FORM ≈ <final> 0636 ضـ
FEBF	ـ	ARABIC LETTER DAD INITIAL FORM ≈ <initial> 0636 ضـ
FEC0	ـ	ARABIC LETTER DAD MEDIAL FORM ≈ <medial> 0636 ضـ
FEC1	ـ	ARABIC LETTER TAH ISOLATED FORM ≈ <isolated> 0637 طـ

FEC2	ـ	ARABIC LETTER TAH FINAL FORM ≈ <final> 0637 طـ
FEC3	ـ	ARABIC LETTER TAH INITIAL FORM ≈ <initial> 0637 طـ
FEC4	ـ	ARABIC LETTER TAH MEDIAL FORM ≈ <medial> 0637 طـ
FEC5	ـ	ARABIC LETTER ZAH ISOLATED FORM ≈ <isolated> 0638 ظـ
FEC6	ـ	ARABIC LETTER ZAH FINAL FORM ≈ <final> 0638 ظـ
FEC7	ـ	ARABIC LETTER ZAH INITIAL FORM ≈ <initial> 0638 ظـ
FEC8	ـ	ARABIC LETTER ZAH MEDIAL FORM ≈ <medial> 0638 ظـ
FEC9	ـ	ARABIC LETTER AIN ISOLATED FORM ≈ <isolated> 0639 عـ
FECA	ـ	ARABIC LETTER AIN FINAL FORM ≈ <final> 0639 عـ
FECB	ـ	ARABIC LETTER AIN INITIAL FORM ≈ <initial> 0639 عـ
FECC	ـ	ARABIC LETTER AIN MEDIAL FORM ≈ <medial> 0639 عـ
FECD	ـ	ARABIC LETTER GHAIN ISOLATED FORM ≈ <isolated> 063A غـ
FECE	ـ	ARABIC LETTER GHAIN FINAL FORM ≈ <final> 063A غـ
FECF	ـ	ARABIC LETTER GHAIN INITIAL FORM ≈ <initial> 063A غـ
FED0	ـ	ARABIC LETTER GHAIN MEDIAL FORM ≈ <medial> 063A غـ
FED1	ـ	ARABIC LETTER FEH ISOLATED FORM ≈ <isolated> 0641 فـ
FED2	ـ	ARABIC LETTER FEH FINAL FORM ≈ <final> 0641 فـ
FED3	ـ	ARABIC LETTER FEH INITIAL FORM ≈ <initial> 0641 فـ
FED4	ـ	ARABIC LETTER FEH MEDIAL FORM ≈ <medial> 0641 فـ
FED5	ـ	ARABIC LETTER QAF ISOLATED FORM ≈ <isolated> 0642 قـ
FED6	ـ	ARABIC LETTER QAF FINAL FORM ≈ <final> 0642 قـ
FED7	ـ	ARABIC LETTER QAF INITIAL FORM ≈ <initial> 0642 قـ
FED8	ـ	ARABIC LETTER QAF MEDIAL FORM ≈ <medial> 0642 قـ
FED9	ـ	ARABIC LETTER KAF ISOLATED FORM ≈ <isolated> 0643 كـ
FEDA	ـ	ARABIC LETTER KAF FINAL FORM ≈ <final> 0643 كـ
FEDB	ـ	ARABIC LETTER KAF INITIAL FORM ≈ <initial> 0643 كـ
FEDC	ـ	ARABIC LETTER KAF MEDIAL FORM ≈ <medial> 0643 كـ
FEDD	ـ	ARABIC LETTER LAM ISOLATED FORM ≈ <isolated> 0644 لـ
FEDF	ـ	ARABIC LETTER LAM FINAL FORM ≈ <final> 0644 لـ
FEDF	ـ	ARABIC LETTER LAM INITIAL FORM ≈ <initial> 0644 لـ
FEE0	ـ	ARABIC LETTER LAM MEDIAL FORM ≈ <medial> 0644 لـ

FEE1

## Arabic Presentation Forms-B

FEFF

FEE1	ARABIC LETTER MEEM ISOLATED FORM ≈ <isolated> 0645 ݂
FEE2	ARABIC LETTER MEEM FINAL FORM ≈ <final> 0645 ݂
FEE3	ARABIC LETTER MEEM INITIAL FORM ≈ <initial> 0645 ݂
FEE4	ARABIC LETTER MEEM MEDIAL FORM ≈ <medial> 0645 ݂
FEE5	ARABIC LETTER NOON ISOLATED FORM ≈ <isolated> 0646 ݌
FEE6	ARABIC LETTER NOON FINAL FORM ≈ <final> 0646 ݌
FEE7	ARABIC LETTER NOON INITIAL FORM ≈ <initial> 0646 ݌
FEE8	ARABIC LETTER NOON MEDIAL FORM ≈ <medial> 0646 ݌
FEE9	ARABIC LETTER HEH ISOLATED FORM ≈ <isolated> 0647 ݔ
FEEA	ARABIC LETTER HEH FINAL FORM ≈ <final> 0647 ݔ
FEEB	ARABIC LETTER HEH INITIAL FORM ≈ <initial> 0647 ݔ
FEEC	ARABIC LETTER HEH MEDIAL FORM ≈ <medial> 0647 ݔ
FEED	ARABIC LETTER WAW ISOLATED FORM ≈ <isolated> 0648 ݕ
FEEE	ARABIC LETTER WAW FINAL FORM ≈ <final> 0648 ݕ
FEEF	ARABIC LETTER ALEF MAKSURA ISOLATED FORM ≈ <isolated> 0649 ݖ
FEF0	ARABIC LETTER ALEF MAKSURA FINAL FORM ≈ <final> 0649 ݖ
FEF1	ARABIC LETTER YEH ISOLATED FORM ≈ <isolated> 064A ݙ
FEF2	ARABIC LETTER YEH FINAL FORM ≈ <final> 064A ݙ
FEF3	ARABIC LETTER YEH INITIAL FORM ≈ <initial> 064A ݙ
FEF4	ARABIC LETTER YEH MEDIAL FORM ≈ <medial> 064A ݙ
FEF5	ARABIC LIGATURE LAM WITH ALEF WITH MADDA ABOVE ISOLATED FORM ≈ <isolated> 0644 ݂ 0622 ݚ
FEF6	ARABIC LIGATURE LAM WITH ALEF WITH MADDA ABOVE FINAL FORM ≈ <final> 0644 ݂ 0622 ݚ
FEF7	ARABIC LIGATURE LAM WITH ALEF WITH HAMZA ABOVE ISOLATED FORM ≈ <isolated> 0644 ݂ 0623 ݊
FEF8	ARABIC LIGATURE LAM WITH ALEF WITH HAMZA ABOVE FINAL FORM ≈ <final> 0644 ݂ 0623 ݊
FEF9	ARABIC LIGATURE LAM WITH ALEF WITH HAMZA BELOW ISOLATED FORM ≈ <isolated> 0644 ݂ 0625 ݊
FEFA	ARABIC LIGATURE LAM WITH ALEF WITH HAMZA BELOW FINAL FORM ≈ <final> 0644 ݂ 0625 ݊
FEFB	ARABIC LIGATURE LAM WITH ALEF ISOLATED FORM ≈ <isolated> 0644 ݂ 0627 ݊

FEFC ݄ ARABIC LIGATURE LAM WITH ALEF FINAL FORM  
≈ <final> 0644 ݂ 0627 ݊

**Special**

FEFF ݁ ZERO WIDTH NO-BREAK SPACE  
 × BYTE ORDER MARK  
 = BOM, ZWNBSP  

- may be used to detect byte order by contrast with the noncharacter code point FFFE ݁
- use as an indication of non-breaking is deprecated; see 2060 ݁ instead
- 200B ݁ zero width space
- 2060 ݁ word joiner
- FFFE ݁ <not a character>

	FF0	FF1	FF2	FF3	FF4	FF5	FF6	FF7	FF8	FF9	FFA	FFB	FFC	FFD	FFE
0	0 FF10	@ FF20	P FF30	` FF40	p FF50	) FF60	- FF70	タ FF80	ミ FF90	[HW] HF FFA0	ひ FFB0				¢ FFE0
1	! FF01	1 FF11	A FF21	Q FF31	a FF41	q FF51	。 FF61	ア FF71	チ FF81	ム FF91	フ FFA1	口 FFB1			£ FFE1
2	" FF02	2 FF12	B FF22	R FF32	b FF42	r FF52	「 FF62	イ FF72	ツ FF82	メ FF92	フ FFA2	日 FFB2	ト FFC2	止 FFD2	— FFE2
3	# FF03	3 FF13	C FF23	S FF33	c FF43	s FF53	」 FF63	ウ FF73	テ FF83	モ FF93	ム FFA3	畠 FFB3	日 FFC3	丁 FFD3	— FFE3
4	\$ FF04	4 FF14	D FF24	T FF34	d FF44	t FF54	、 FF64	エ FF74	ト FF84	ヤ FF94	レ FFA4	臥 FFB4	ヰ FFC4	ヰ FFD4	। FFE4
5	% FF05	5 FF15	E FF25	U FF35	e FF45	u FF55	・ FF65	オ FF75	ナ FF85	ユ FF95	以 FFA5	入 FFB5	日 FFC5	日 FFD5	¥ FFE5
6	& FF06	6 FF16	F FF26	V FF36	f FF46	v FF56	ヲ FF66	カ FF76	ニ FF86	ヨ FF96	レ FFA6	从 FFB6	ノ FFC6	ノ FFD6	W FFE6
7	' FF07	7 FF17	G FF27	W FF37	g FF47	w FF57	ア FF67	キ FF77	ヌ FF87	ラ FF97	ヒ FFA7	〇 FFB7	リ FFC7	リ FFD7	
8	( FF08	8 FF18	H FF28	X FF38	h FF48	x FF58	イ FF68	ク FF78	ネ FF88	リ FF98	比 FFA8	入 FFB8			 FFE8
9	) FF09	9 FF19	I FF29	Y FF39	i FF49	y FF59	ウ FF69	ケ FF79	ノ FF89	ル FF99	己 FFA9	双 FFB9			← FFE9
A	* FF0A	: FF1A	J FF2A	Z FF3A	j FF4A	Z FF5A	エ FF6A	コ FF7A	ハ FF8A	レ FF9A	𠂊 FFAA	𣎵 FFBA	ヰ FFCA	一 FFDA	↑ FFEAE
B	; FF0B	; FF1B	K FF2B	[ FF3B	k FF4B	{ FF5B	オ FF6B	サ FF7B	ビ FF8B	ロ FF9B	即 FFAB	𠂊 FFBB	非 FFCB	ノ FFDB	→ FFEBC
C	,	< FF0C	L FF2C	\ FF3C	l FF4C	 FF5C	ヤ FF6C	シ FF7C	フ FF8C	ワ FF9C	即 FFAC	𠂊 FFBC	上 FFCC	ノ FFDC	↓ FFEC
D	— FF0D	= FF1D	M FF2D	] FF3D	m FF4D	{ FF5D	ユ FF6D	ス FF7D	ヘ FF8D	ン FF9D	𠂊 FFAD	立 FFBD	斗 FFCD		■ FFED
E	.	> FF0E	N FF2E	^ FF3E	n FF4E	~ FF5E	ヨ FF6E	セ FF7E	ホ FF8E	ヽ FF9E	𠂊 FFAE	𠂊 FFBE	𠂊 FFCE		○ FFEE
F	/ FF0F	? FF1F	O FF2F	— FF3F	o FF4F	(( FF5F	ツ FF6F	ソ FF7F	マ FF8F	。 FF9F	𠂊 FFAF		ノ FFCF		

**Fullwidth ASCII variants**

See ASCII 0020 - 007E

FF01	!	FULLWIDTH EXCLAMATION MARK ≈ <wide> 0021 !
FF02	"	FULLWIDTH QUOTATION MARK ≈ <wide> 0022 "
FF03	#	FULLWIDTH NUMBER SIGN ≈ <wide> 0023 #
FF04	\$	FULLWIDTH DOLLAR SIGN ≈ <wide> 0024 \$
FF05	%	FULLWIDTH PERCENT SIGN ≈ <wide> 0025 %
FF06	&	FULLWIDTH AMPERSAND ≈ <wide> 0026 &
FF07	'	FULLWIDTH APOSTROPHE ≈ <wide> 0027 '
FF08	(	FULLWIDTH LEFT PARENTHESIS ≈ <wide> 0028 (
FF09	)	FULLWIDTH RIGHT PARENTHESIS ≈ <wide> 0029 )
FF0A	*	FULLWIDTH ASTERISK ≈ <wide> 002A *
FF0B	+	FULLWIDTH PLUS SIGN ≈ <wide> 002B +
FF0C	,	FULLWIDTH COMMA • in Chinese, indicates a pause → 3001 、 ideographic comma ≈ <wide> 002C ,
FF0D	—	FULLWIDTH HYPHEN-MINUS ≈ <wide> 002D -
FF0E	.	FULLWIDTH FULL STOP ≈ <wide> 002E .
FF0F	/	FULLWIDTH SOLIDUS ≈ <wide> 002F /
FF10	0	FULLWIDTH DIGIT ZERO ≈ <wide> 0030 0
FF11	1	FULLWIDTH DIGIT ONE ≈ <wide> 0031 1
FF12	2	FULLWIDTH DIGIT TWO ≈ <wide> 0032 2
FF13	3	FULLWIDTH DIGIT THREE ≈ <wide> 0033 3
FF14	4	FULLWIDTH DIGIT FOUR ≈ <wide> 0034 4
FF15	5	FULLWIDTH DIGIT FIVE ≈ <wide> 0035 5
FF16	6	FULLWIDTH DIGIT SIX ≈ <wide> 0036 6
FF17	7	FULLWIDTH DIGIT SEVEN ≈ <wide> 0037 7
FF18	8	FULLWIDTH DIGIT EIGHT ≈ <wide> 0038 8
FF19	9	FULLWIDTH DIGIT NINE ≈ <wide> 0039 9
FF1A	:	FULLWIDTH COLON ≈ <wide> 003A :
FF1B	;	FULLWIDTH SEMICOLON ≈ <wide> 003B ;
FF1C	<	FULLWIDTH LESS-THAN SIGN ≈ <wide> 003C <
FF1D	=	FULLWIDTH EQUALS SIGN ≈ <wide> 003D =

FF1E	>	FULLWIDTH GREATER-THAN SIGN ≈ <wide> 003E >
FF1F	?	FULLWIDTH QUESTION MARK ≈ <wide> 003F ?
FF20	@	FULLWIDTH COMMERCIAL AT ≈ <wide> 0040 @
FF21	A	FULLWIDTH LATIN CAPITAL LETTER A ≈ <wide> 0041 A
FF22	B	FULLWIDTH LATIN CAPITAL LETTER B ≈ <wide> 0042 B
FF23	C	FULLWIDTH LATIN CAPITAL LETTER C ≈ <wide> 0043 C
FF24	D	FULLWIDTH LATIN CAPITAL LETTER D ≈ <wide> 0044 D
FF25	E	FULLWIDTH LATIN CAPITAL LETTER E ≈ <wide> 0045 E
FF26	F	FULLWIDTH LATIN CAPITAL LETTER F ≈ <wide> 0046 F
FF27	G	FULLWIDTH LATIN CAPITAL LETTER G ≈ <wide> 0047 G
FF28	H	FULLWIDTH LATIN CAPITAL LETTER H ≈ <wide> 0048 H
FF29	I	FULLWIDTH LATIN CAPITAL LETTER I ≈ <wide> 0049 I
FF2A	J	FULLWIDTH LATIN CAPITAL LETTER J ≈ <wide> 004A J
FF2B	K	FULLWIDTH LATIN CAPITAL LETTER K ≈ <wide> 004B K
FF2C	L	FULLWIDTH LATIN CAPITAL LETTER L ≈ <wide> 004C L
FF2D	M	FULLWIDTH LATIN CAPITAL LETTER M ≈ <wide> 004D M
FF2E	N	FULLWIDTH LATIN CAPITAL LETTER N ≈ <wide> 004E N
FF2F	O	FULLWIDTH LATIN CAPITAL LETTER O ≈ <wide> 004F O
FF30	P	FULLWIDTH LATIN CAPITAL LETTER P ≈ <wide> 0050 P
FF31	Q	FULLWIDTH LATIN CAPITAL LETTER Q ≈ <wide> 0051 Q
FF32	R	FULLWIDTH LATIN CAPITAL LETTER R ≈ <wide> 0052 R
FF33	S	FULLWIDTH LATIN CAPITAL LETTER S ≈ <wide> 0053 S
FF34	T	FULLWIDTH LATIN CAPITAL LETTER T ≈ <wide> 0054 T
FF35	U	FULLWIDTH LATIN CAPITAL LETTER U ≈ <wide> 0055 U
FF36	V	FULLWIDTH LATIN CAPITAL LETTER V ≈ <wide> 0056 V
FF37	W	FULLWIDTH LATIN CAPITAL LETTER W ≈ <wide> 0057 W
FF38	X	FULLWIDTH LATIN CAPITAL LETTER X ≈ <wide> 0058 X
FF39	Y	FULLWIDTH LATIN CAPITAL LETTER Y ≈ <wide> 0059 Y
FF3A	Z	FULLWIDTH LATIN CAPITAL LETTER Z ≈ <wide> 005A Z
FF3B	[	FULLWIDTH LEFT SQUARE BRACKET ≈ <wide> 005B [
FF3C	\	FULLWIDTH REVERSE SOLIDUS ≈ <wide> 005C \

FF3D	]	FULLWIDTH RIGHT SQUARE BRACKET ≈ <wide> 005D ]
FF3E	^	FULLWIDTH CIRCUMFLEX ACCENT ≈ <wide> 005E ^
FF3F	_	FULLWIDTH LOW LINE ≈ <wide> 005F _
FF40	`	FULLWIDTH GRAVE ACCENT ≈ <wide> 0060 `
FF41	a	FULLWIDTH LATIN SMALL LETTER A ≈ <wide> 0061 a
FF42	b	FULLWIDTH LATIN SMALL LETTER B ≈ <wide> 0062 b
FF43	c	FULLWIDTH LATIN SMALL LETTER C ≈ <wide> 0063 c
FF44	d	FULLWIDTH LATIN SMALL LETTER D ≈ <wide> 0064 d
FF45	e	FULLWIDTH LATIN SMALL LETTER E ≈ <wide> 0065 e
FF46	f	FULLWIDTH LATIN SMALL LETTER F ≈ <wide> 0066 f
FF47	g	FULLWIDTH LATIN SMALL LETTER G ≈ <wide> 0067 g
FF48	h	FULLWIDTH LATIN SMALL LETTER H ≈ <wide> 0068 h
FF49	i	FULLWIDTH LATIN SMALL LETTER I ≈ <wide> 0069 i
FF4A	j	FULLWIDTH LATIN SMALL LETTER J ≈ <wide> 006A j
FF4B	k	FULLWIDTH LATIN SMALL LETTER K ≈ <wide> 006B k
FF4C	l	FULLWIDTH LATIN SMALL LETTER L ≈ <wide> 006C l
FF4D	m	FULLWIDTH LATIN SMALL LETTER M ≈ <wide> 006D m
FF4E	n	FULLWIDTH LATIN SMALL LETTER N ≈ <wide> 006E n
FF4F	o	FULLWIDTH LATIN SMALL LETTER O ≈ <wide> 006F o
FF50	p	FULLWIDTH LATIN SMALL LETTER P ≈ <wide> 0070 p
FF51	q	FULLWIDTH LATIN SMALL LETTER Q ≈ <wide> 0071 q
FF52	r	FULLWIDTH LATIN SMALL LETTER R ≈ <wide> 0072 r
FF53	s	FULLWIDTH LATIN SMALL LETTER S ≈ <wide> 0073 s
FF54	t	FULLWIDTH LATIN SMALL LETTER T ≈ <wide> 0074 t
FF55	u	FULLWIDTH LATIN SMALL LETTER U ≈ <wide> 0075 u
FF56	v	FULLWIDTH LATIN SMALL LETTER V ≈ <wide> 0076 v
FF57	w	FULLWIDTH LATIN SMALL LETTER W ≈ <wide> 0077 w
FF58	x	FULLWIDTH LATIN SMALL LETTER X ≈ <wide> 0078 x
FF59	y	FULLWIDTH LATIN SMALL LETTER Y ≈ <wide> 0079 y
FF5A	z	FULLWIDTH LATIN SMALL LETTER Z ≈ <wide> 007A z
FF5B	{	FULLWIDTH LEFT CURLY BRACKET ≈ <wide> 007B {

FF5C		FULLWIDTH VERTICAL LINE ≈ <wide> 007C
FF5D	}	FULLWIDTH RIGHT CURLY BRACKET ≈ <wide> 007D }
FF5E	~	FULLWIDTH TILDE ≈ <wide> 007E ~
<b>Fullwidth brackets</b>		
FF5F	((	FULLWIDTH LEFT WHITE PARENTHESIS • the most commonly occurring glyph variant looks like doubled parentheses → 2E28 (( left double parenthesis ≈ <wide> 2985 ((
FF60	))	FULLWIDTH RIGHT WHITE PARENTHESIS ≈ <wide> 2986 ))
<b>Halfwidth CJK punctuation</b>		
See CJK punctuation 3000 - 303F		
FF61	。	HALFWIDTH IDEOGRAPHIC FULL STOP ≈ <narrow> 3002 。
FF62	「	HALFWIDTH LEFT CORNER BRACKET ≈ <narrow> 300C 「
FF63	」	HALFWIDTH RIGHT CORNER BRACKET ≈ <narrow> 300D 」
FF64	、	HALFWIDTH IDEOGRAPHIC COMMA ≈ <narrow> 3001 、
<b>Halfwidth Katakana variants</b>		
See Katakana 30A0 - 30FF		
FF65	・	HALFWIDTH KATAKANA MIDDLE DOT ≈ <narrow> 30FB ・
FF66	ヲ	HALFWIDTH KATAKANA LETTER WO ≈ <narrow> 30F2 ヲ
FF67	ア	HALFWIDTH KATAKANA LETTER SMALL A ≈ <narrow> 30A1 ア
FF68	イ	HALFWIDTH KATAKANA LETTER SMALL I ≈ <narrow> 30A3 イ
FF69	ウ	HALFWIDTH KATAKANA LETTER SMALL U ≈ <narrow> 30A5 ウ
FF6A	エ	HALFWIDTH KATAKANA LETTER SMALL E ≈ <narrow> 30A7 エ
FF6B	オ	HALFWIDTH KATAKANA LETTER SMALL O ≈ <narrow> 30A9 オ
FF6C	ヤ	HALFWIDTH KATAKANA LETTER SMALL YA ≈ <narrow> 30E3 ャ
FF6D	ュ	HALFWIDTH KATAKANA LETTER SMALL YU ≈ <narrow> 30E5 ヅ
FF6E	ヨ	HALFWIDTH KATAKANA LETTER SMALL YO ≈ <narrow> 30E7 ョ
FF6F	ツ	HALFWIDTH KATAKANA LETTER SMALL TU ≈ <narrow> 30C3 ツ
FF70	ー	HALFWIDTH KATAKANA-HIRAGANA PROLONGED SOUND MARK ≈ <narrow> 30FC ー
FF71	ア	HALFWIDTH KATAKANA LETTER A ≈ <narrow> 30A2 ア
FF72	イ	HALFWIDTH KATAKANA LETTER I ≈ <narrow> 30A4 イ
FF73	ウ	HALFWIDTH KATAKANA LETTER U ≈ <narrow> 30A6 ウ
FF74	エ	HALFWIDTH KATAKANA LETTER E ≈ <narrow> 30A8 エ
FF75	オ	HALFWIDTH KATAKANA LETTER O ≈ <narrow> 30AA オ



FFB2	ㅂ	HALFWIDTH HANGUL LETTER PIEUP ≈ <narrow> 3142 ㅂ
FFB3	ㅃ	HALFWIDTH HANGUL LETTER SSANGPIEUP ≈ <narrow> 3143 ㅃ
FFB4	ㅕ	HALFWIDTH HANGUL LETTER PIEUP-SIOS ≈ <narrow> 3144 ㅕ
FFB5	ㅅ	HALFWIDTH HANGUL LETTER SIOS ≈ <narrow> 3145 ㅅ
FFB6	ㅆ	HALFWIDTH HANGUL LETTER SSANGSIOS ≈ <narrow> 3146 ㅆ
FFB7	ㅇ	HALFWIDTH HANGUL LETTER IEUNG ≈ <narrow> 3147 ㅇ
FFB8	ㅈ	HALFWIDTH HANGUL LETTER CIEUC ≈ <narrow> 3148 ㅈ
FFB9	ㅉ	HALFWIDTH HANGUL LETTER SSANGCIEUC ≈ <narrow> 3149 ㅉ
FFBA	ㅊ	HALFWIDTH HANGUL LETTER CHIEUCH ≈ <narrow> 314A ㅊ
FFBB	ㅋ	HALFWIDTH HANGUL LETTER KHIEUKH ≈ <narrow> 314B ㅋ
FFBC	ㅌ	HALFWIDTH HANGUL LETTER THIEUTH ≈ <narrow> 314C ㅌ
FFBD	ㅍ	HALFWIDTH HANGUL LETTER PHIEUPH ≈ <narrow> 314D ㅍ
FFBE	ㅎ	HALFWIDTH HANGUL LETTER HIEUH ≈ <narrow> 314E ㅎ
FFBF	▣	<reserved>
FFC0	▨	<reserved>
FFC1	▨	<reserved>
FFC2	ㅏ	HALFWIDTH HANGUL LETTER A ≈ <narrow> 314F ㅏ
FFC3	ㅓ	HALFWIDTH HANGUL LETTER AE ≈ <narrow> 3150 ㅓ
FFC4	ㅑ	HALFWIDTH HANGUL LETTER YA ≈ <narrow> 3151 ㅑ
FFC5	ㅕ	HALFWIDTH HANGUL LETTER YAE ≈ <narrow> 3152 ㅕ
FFC6	ㅓ	HALFWIDTH HANGUL LETTER EO ≈ <narrow> 3153 ㅓ
FFC7	ㅕ	HALFWIDTH HANGUL LETTER E ≈ <narrow> 3154 ㅕ
FFC8	▣	<reserved>
FFC9	▨	<reserved>
FFCA	ㅘ	HALFWIDTH HANGUL LETTER YEO ≈ <narrow> 3155 ㅘ
FFCB	ㅙ	HALFWIDTH HANGUL LETTER YE ≈ <narrow> 3156 ㅙ
FFCC	ㅗ	HALFWIDTH HANGUL LETTER O ≈ <narrow> 3157 ㅗ
FFCD	ㅛ	HALFWIDTH HANGUL LETTER WA ≈ <narrow> 3158 ㅛ
FFCE	ㅕ	HALFWIDTH HANGUL LETTER WAE ≈ <narrow> 3159 ㅕ
FFCF	ㅕ	HALFWIDTH HANGUL LETTER OE ≈ <narrow> 315A ㅕ
FFD0	▣	<reserved>
FFD1	▨	<reserved>
FFD2	ㅘ	HALFWIDTH HANGUL LETTER YO ≈ <narrow> 315B ㅘ
FFD3	ㅕ	HALFWIDTH HANGUL LETTER U ≈ <narrow> 315C ㅕ

FFD4	ㅓ	HALFWIDTH HANGUL LETTER WEO ≈ <narrow> 315D ㅓ
FFD5	ㅕ	HALFWIDTH HANGUL LETTER WE ≈ <narrow> 315E ㅕ
FFD6	ㅓ	HALFWIDTH HANGUL LETTER WI ≈ <narrow> 315F ㅓ
FFD7	ㅕ	HALFWIDTH HANGUL LETTER YU ≈ <narrow> 3160 ㅕ
FFD8	▣	<reserved>
FFD9	▨	<reserved>
FFDA	ㅡ	HALFWIDTH HANGUL LETTER EU ≈ <narrow> 3161 ㅡ
FFDB	ㅓ	HALFWIDTH HANGUL LETTER YI ≈ <narrow> 3162 ㅓ
FFDC	ㅣ	HALFWIDTH HANGUL LETTER I ≈ <narrow> 3163 ㅣ

**Fullwidth symbol variants***See Latin-1 00A0 - 00FF*

FFE0	₵	FULLWIDTH CENT SIGN ≈ <wide> 00A2 ₦
FFE1	￡	FULLWIDTH POUND SIGN ≈ <wide> 00A3 £
FFE2	▬	FULLWIDTH NOT SIGN ≈ <wide> 00AC ▬
FFE3	▬	FULLWIDTH MACRON • sometimes treated as fullwidth overline → 203E ▬ overline ≈ <wide> 00AF ▬
FFE4	׀	FULLWIDTH BROKEN BAR ≈ <wide> 00A6׀
FFE5	¥	FULLWIDTH YEN SIGN ≈ <wide> 00A5 ¥
FFE6	₩	FULLWIDTH WON SIGN ≈ <wide> 20A9 ₩

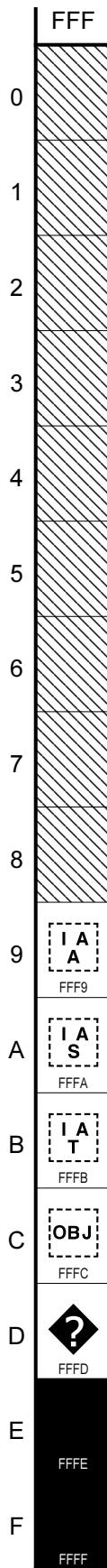
**Halfwidth symbol variants**

FFE8		HALFWIDTH FORMS LIGHT VERTICAL ≈ <narrow> 2502
FFE9	←	HALFWIDTH LEFTWARDS ARROW ≈ <narrow> 2190 ←
FFEA	↑	HALFWIDTH UPWARDS ARROW ≈ <narrow> 2191 ↑
FFEB	→	HALFWIDTH RIGHTWARDS ARROW ≈ <narrow> 2192 →
FFEC	↓	HALFWIDTH DOWNWARDS ARROW ≈ <narrow> 2193 ↓
FFED	■	HALFWIDTH BLACK SQUARE ≈ <narrow> 25A0 ■
FFEE	○	HALFWIDTH WHITE CIRCLE ≈ <narrow> 25CB ○

FFF0

## Specials

FFFF

**Interlinear annotation***Used internally for Japanese Ruby (furigana), etc.*

- FFF9 INTERLINEAR ANNOTATION ANCHOR  
   • marks start of annotated text
- FFFA INTERLINEAR ANNOTATION SEPARATOR  
   • marks start of annotating character(s)
- FFFB INTERLINEAR ANNOTATION TERMINATOR  
   • marks end of annotation block

**Replacement characters**

- FFFC OBJECT REPLACEMENT CHARACTER  
   • used as placeholder in text for an otherwise unspecified object
- FFFD REPLACEMENT CHARACTER  
   • used to replace an incoming character whose value is unknown or unrepresentable in Unicode  
   • compare the use of 001A as a control character to indicate the substitute function  
   → 2BD1 uncertainty sign

**Noncharacters***These codes are intended for process-internal uses.*

- FFFE <not a character>  
   • may be used to detect byte order by contrast with FEFF   
   → FEFF zero width no-break space
- FFFF <not a character>

	1000	1001	1002	1003	1004	1005	1006	1007
0	ῃ	ὥ	ἥ	ἥ	ἥ	ἥ		
	10000	10010	10020	10030	10040	10050		
1	ἥ	ἥ	ἥ	ἥ	ἥ	ἥ		
	10001	10011	10021	10031	10041	10051		
2	ἥ	ἥ	ἥ	ἥ	ἥ	ἥ		
	10002	10012	10022	10032	10042	10052		
3	ἥ	ἥ	ἥ	ἥ	ἥ	ἥ		
	10003	10013	10023	10033	10043	10053		
4	ἥ	ἥ	ἥ	ἥ	ἥ	ἥ		
	10004	10014	10024	10034	10044	10054		
5	ἥ	ἥ	ἥ	ἥ	ἥ	ἥ		
	10005	10015	10025	10035	10045	10055		
6	ἥ	ἥ	ἥ	ἥ	ἥ	ἥ		
	10006	10016	10026	10036	10046	10056		
7	ἥ	ἥ	ἥ	ἥ	ἥ	ἥ		
	10007	10017		10037	10047	10057		
8	ἥ	ἥ	ἥ	ἥ	ἥ	ἥ		
	10008	10018	10028	10038	10048	10058		
9	ἥ	ἥ	ἥ	ἥ	ἥ	ἥ		
	10009	10019	10029	10039	10049	10059		
A	ἥ	ἥ	ἥ	ἥ	ἥ	ἥ		
	1000A	1001A	1002A	1003A	1004A	1005A		
B	ἥ	ἥ	ἥ	ἥ	ἥ	ἥ		
	1000B	1001B	1002B		1004B	1005B		
C	ἥ	ἥ	ἥ	ἥ	ἥ	ἥ		
	1001C	1002C	1003C	1004C	1005C			
D	ἥ	ἥ	ἥ	ἥ	ἥ	ἥ		
	1000D	1001D	1002D	1003D	1004D	1005D		
E	ἥ	ἥ	ἥ	ἥ	ἥ	ἥ		
	1000E	1001E	1002E					
F	ἥ	ἥ	ἥ	ἥ	ἥ	ἥ		
	1000F	1001F	1002F	1003F				

**Basic syllables**

10000	𠂔	LINEAR B SYLLABLE B008 A
10001	𠂎	LINEAR B SYLLABLE B038 E
10002	𠂓	LINEAR B SYLLABLE B028 I
10003	𠂔	LINEAR B SYLLABLE B061 O
10004	𠂔	LINEAR B SYLLABLE B010 U
10005	𠂔	LINEAR B SYLLABLE B001 DA
10006	𠂔	LINEAR B SYLLABLE B045 DE
10007	𠂔	LINEAR B SYLLABLE B007 DI
10008	𠂔	LINEAR B SYLLABLE B014 DO
10009	𠂔	LINEAR B SYLLABLE B051 DU
1000A	𠂔	LINEAR B SYLLABLE B057 JA
1000B	𠂔	LINEAR B SYLLABLE B046 JE
1000C	𠂔	<reserved>
1000D	𠂔	LINEAR B SYLLABLE B036 JO
1000E	𠂔	LINEAR B SYLLABLE B065 JU = ideogram B129 flour
1000F	𠂔	LINEAR B SYLLABLE B077 KA
10010	𠂔	LINEAR B SYLLABLE B044 KE
10011	𠂔	LINEAR B SYLLABLE B067 KI
10012	𠂔	LINEAR B SYLLABLE B070 KO
10013	𠂔	LINEAR B SYLLABLE B081 KU
10014	𠂔	LINEAR B SYLLABLE B080 MA
10015	𠂔	LINEAR B SYLLABLE B013 ME
10016	𠂔	LINEAR B SYLLABLE B073 MI
10017	𠂔	LINEAR B SYLLABLE B015 MO
10018	𠂔	LINEAR B SYLLABLE B023 MU = ideogram B109 ox
10019	𠂔	LINEAR B SYLLABLE B006 NA
1001A	𠂔	LINEAR B SYLLABLE B024 NE
1001B	𠂔	LINEAR B SYLLABLE B030 NI = ideogram B030 figs
1001C	𠂔	LINEAR B SYLLABLE B052 NO
1001D	𠂔	LINEAR B SYLLABLE B055 NU
1001E	𠂔	LINEAR B SYLLABLE B003 PA
1001F	𠂔	LINEAR B SYLLABLE B072 PE
10020	𠂔	LINEAR B SYLLABLE B039 PI
10021	𠂔	LINEAR B SYLLABLE B011 PO
10022	𠂔	LINEAR B SYLLABLE B050 PU
10023	𠂔	LINEAR B SYLLABLE B016 QA
10024	𠂔	LINEAR B SYLLABLE B078 QE
10025	𠂔	LINEAR B SYLLABLE B021 QI = ideogram B106 sheep
10026	𠂔	LINEAR B SYLLABLE B032 QO
10027	𠂔	<reserved>
10028	𠂔	LINEAR B SYLLABLE B060 RA
10029	𠂔	LINEAR B SYLLABLE B027 RE
1002A	𠂔	LINEAR B SYLLABLE B053 RI
1002B	𠂔	LINEAR B SYLLABLE B002 RO
1002C	𠂔	LINEAR B SYLLABLE B026 RU
1002D	𠂔	LINEAR B SYLLABLE B031 SA = ideogram B031 flax
1002E	𠂔	LINEAR B SYLLABLE B009 SE
1002F	𠂔	LINEAR B SYLLABLE B041 SI
10030	𠂔	LINEAR B SYLLABLE B012 SO
10031	𠂔	LINEAR B SYLLABLE B058 SU
10032	𠂔	LINEAR B SYLLABLE B059 TA
10033	𠂔	LINEAR B SYLLABLE B004 TE
10034	𠂔	LINEAR B SYLLABLE B037 TI
10035	𠂔	LINEAR B SYLLABLE B005 TO
10036	𠂔	LINEAR B SYLLABLE B069 TU
10037	𠂔	LINEAR B SYLLABLE B054 WA

10038	𠂔	LINEAR B SYLLABLE B075 WE
10039	𠂔	LINEAR B SYLLABLE B040 WI
1003A	𠂔	LINEAR B SYLLABLE B042 WO
1003B	𠂔	<reserved>
1003C	𠂔	LINEAR B SYLLABLE B017 ZA
1003D	𠂔	LINEAR B SYLLABLE B074 ZE
1003E	𠂔	<reserved>
1003F	𠂔	LINEAR B SYLLABLE B020 ZO

**Supplementary signs**

10040	𠂔	LINEAR B SYLLABLE B025 A2
10041	𠂔	LINEAR B SYLLABLE B043 A3
10042	𠂔	LINEAR B SYLLABLE B085 AU = ideogram B108 pig
10043	𠂔	LINEAR B SYLLABLE B071 DWE
10044	𠂔	LINEAR B SYLLABLE B090 DWO
10045	𠂔	LINEAR B SYLLABLE B048 NWA
10046	𠂔	LINEAR B SYLLABLE B029 PU2
10047	𠂔	LINEAR B SYLLABLE B062 PTE
10048	𠂔	LINEAR B SYLLABLE B076 RA2
10049	𠂔	LINEAR B SYLLABLE B033 RA3 = ideogram B144 saffron
1004A	𠂔	LINEAR B SYLLABLE B068 RO2
1004B	𠂔	LINEAR B SYLLABLE B066 TA2
1004C	𠂔	LINEAR B SYLLABLE B087 TWE
1004D	𠂔	LINEAR B SYLLABLE B091 TWO

**Symbols**

10050	𠂔	LINEAR B SYMBOL B018
10051	𠂔	LINEAR B SYMBOL B019
10052	𠂔	LINEAR B SYMBOL B022 = ideogram B107 goat
10053	𠂔	LINEAR B SYMBOL B034
10054	𠂔	LINEAR B SYMBOL B047
10055	𠂔	LINEAR B SYMBOL B049
10056	𠂔	LINEAR B SYMBOL B056
10057	𠂔	LINEAR B SYMBOL B063
10058	𠂔	LINEAR B SYMBOL B064
10059	𠂔	LINEAR B SYMBOL B079
1005A	𠂔	LINEAR B SYMBOL B082
1005B	𠂔	LINEAR B SYMBOL B083
1005C	𠂔	LINEAR B SYMBOL B086
1005D	𠂔	LINEAR B SYMBOL B089

	1008	1009	100A	100B	100C	100D	100E	100F
0								
1								
2								
3								
4								
5								
6								
7								
8								
9								
A								
B								
C								
D								
E								
F								

Some Linear B syllables are also used as Linear B ideograms.

- 10025 ⠄ linear b syllable b021 qi
- 10052 ⠄ linear b symbol b022
- 10018 ⠄ linear b syllable b023 mu
- 10018 ⠄ linear b syllable b030 ni
- 1002D ⠄ linear b syllable b031 sa
- 10049 ⠄ linear b syllable b033 ra3
- 1000E ⠄ linear b syllable b065 ju
- 10042 ⠄ linear b syllable b085 au

#### People and animals

- 10080 ⠄ LINEAR B IDEOGRAM B100 MAN
- 10081 ⠄ LINEAR B IDEOGRAM B102 WOMAN
- 10082 ⠄ LINEAR B IDEOGRAM B104 DEER
- 10083 ⠄ LINEAR B IDEOGRAM B105 EQUID
- 10084 ⠄ LINEAR B IDEOGRAM B105F MARE
- 10085 ⠄ LINEAR B IDEOGRAM B105M STALLION
- 10086 ⠄ LINEAR B IDEOGRAM B106F EWE
- 10087 ⠄ LINEAR B IDEOGRAM B106M RAM
- 10088 ⠄ LINEAR B IDEOGRAM B107F SHE-GOAT
- 10089 ⠄ LINEAR B IDEOGRAM B107M HE-GOAT
- 1008A ⠄ LINEAR B IDEOGRAM B108F SOW
- 1008B ⠄ LINEAR B IDEOGRAM B108M BOAR
- 1008C ⠄ LINEAR B IDEOGRAM B109F COW
- 1008D ⠄ LINEAR B IDEOGRAM B109M BULL

#### Cereals and plants

- 1008E ⠄ LINEAR B IDEOGRAM B120 WHEAT
- 1008F ⠄ LINEAR B IDEOGRAM B121 BARLEY
- 10090 ⠄ LINEAR B IDEOGRAM B122 OLIVE
- 10091 ⠄ LINEAR B IDEOGRAM B123 SPICE
- 10092 ⠄ LINEAR B IDEOGRAM B125 CYPERUS
- 10093 ⠄ LINEAR B MONOGRAM B127 KAPO  
= fruit
- 10094 ⠄ LINEAR B MONOGRAM B128 KANAKO  
= saffron

#### Extracts

- 10095 ⠄ LINEAR B IDEOGRAM B130 OIL
- 10096 ⠄ LINEAR B IDEOGRAM B131 WINE
- 10097 ⠄ LINEAR B IDEOGRAM B132
- 10098 ⠄ LINEAR B MONOGRAM B133 AREPA  
= ointment
- 10099 ⠄ LINEAR B MONOGRAM B135 MERI  
= honey

#### Metals

- 1009A ⠄ LINEAR B IDEOGRAM B140 BRONZE
- 1009B ⠄ LINEAR B IDEOGRAM B141 GOLD
- 1009C ⠄ LINEAR B IDEOGRAM B142

#### Other materials

- 1009D ⠄ LINEAR B IDEOGRAM B145 WOOL
- 1009E ⠄ LINEAR B IDEOGRAM B146
- 1009F ⠄ LINEAR B IDEOGRAM B150
- 100A0 ⠄ LINEAR B IDEOGRAM B151 HORN
- 100A1 ⠄ LINEAR B IDEOGRAM B152
- 100A2 ⠄ LINEAR B IDEOGRAM B153
- 100A3 ⠄ LINEAR B IDEOGRAM B154
- 100A4 ⠄ LINEAR B MONOGRAM B156 TURO2  
= cheese
- 100A5 ⠄ LINEAR B IDEOGRAM B157
- 100A6 ⠄ LINEAR B IDEOGRAM B158
- 100A7 ⠄ LINEAR B IDEOGRAM B159 CLOTH

- 100A8 ⠄ LINEAR B IDEOGRAM B160
- 100A9 ⠄ LINEAR B IDEOGRAM B161
- 100AA ⠄ LINEAR B IDEOGRAM B162 GARMENT
- 100AB ⠄ LINEAR B IDEOGRAM B163 ARMOUR
- 100AC ⠄ LINEAR B IDEOGRAM B164
- 100AD ⠄ LINEAR B IDEOGRAM B165
- 100AE ⠄ LINEAR B IDEOGRAM B166
- 100AF ⠄ LINEAR B IDEOGRAM B167
- 100B0 ⠄ LINEAR B IDEOGRAM B168
- 100B1 ⠄ LINEAR B IDEOGRAM B169
- 100B2 ⠄ LINEAR B IDEOGRAM B170
- 100B3 ⠄ LINEAR B IDEOGRAM B171
- 100B4 ⠄ LINEAR B IDEOGRAM B172
- 100B5 ⠄ LINEAR B IDEOGRAM B173 MONTH
- 100B6 ⠄ LINEAR B IDEOGRAM B174
- 100B7 ⠄ LINEAR B IDEOGRAM B176 TREE
- 100B8 ⠄ LINEAR B IDEOGRAM B177
- 100B9 ⠄ LINEAR B IDEOGRAM B178
- 100BA ⠄ LINEAR B IDEOGRAM B179
- 100BB ⠄ LINEAR B IDEOGRAM B180
- 100BC ⠄ LINEAR B IDEOGRAM B181
- 100BD ⠄ LINEAR B IDEOGRAM B182
- 100BE ⠄ LINEAR B IDEOGRAM B183
- 100BF ⠄ LINEAR B IDEOGRAM B184
- the shape of this ideogram is only partially known
- 100C0 ⠄ LINEAR B IDEOGRAM B185
- 100C1 ⠄ LINEAR B IDEOGRAM B189
- 100C2 ⠄ LINEAR B IDEOGRAM B190
- 100C3 ⠄ LINEAR B IDEOGRAM B191 HELMET
- 100C4 ⠄ LINEAR B IDEOGRAM B220 FOOTSTOOL
- 100C5 ⠄ LINEAR B IDEOGRAM B225 BATHTUB
- 100C6 ⠄ LINEAR B IDEOGRAM B230 SPEAR
- 100C7 ⠄ LINEAR B IDEOGRAM B231 ARROW
- 100C8 ⠄ LINEAR B IDEOGRAM B232
- 100C9 ⠄ LINEAR B IDEOGRAM B233 SWORD  
= pugio
- 100CA ⠄ LINEAR B IDEOGRAM B234
- 100CB ⠄ LINEAR B IDEOGRAM B236  
= "gupio", inverted sword
- 100CC ⠄ LINEAR B IDEOGRAM B240 WHEELED CHARIOT
- 100CD ⠄ LINEAR B IDEOGRAM B241 CHARIOT
- 100CE ⠄ LINEAR B IDEOGRAM B242 CHARIOT FRAME
- 100CF ⠄ LINEAR B IDEOGRAM B243 WHEEL
- 100D0 ⠄ LINEAR B IDEOGRAM B245
- 100D1 ⠄ LINEAR B IDEOGRAM B246
- 100D2 ⠄ LINEAR B MONOGRAM B247 DIPTE
- 100D3 ⠄ LINEAR B IDEOGRAM B248
- 100D4 ⠄ LINEAR B IDEOGRAM B249
- 100D5 ⠄ LINEAR B IDEOGRAM B251
- the shape of this ideogram is only partially known
- 100D6 ⠄ LINEAR B IDEOGRAM B252
- the shape of this ideogram is only partially known
- 100D7 ⠄ LINEAR B IDEOGRAM B253
- 100D8 ⠄ LINEAR B IDEOGRAM B254 DART
- 100D9 ⠄ LINEAR B IDEOGRAM B255
- 100DA ⠄ LINEAR B IDEOGRAM B256
- 100DB ⠄ LINEAR B IDEOGRAM B257
- 100DC ⠄ LINEAR B IDEOGRAM B258
- 100DD ⠄ LINEAR B IDEOGRAM B259

**Vessels**

100DE		LINEAR B IDEOGRAM VESSEL B155
100DF		LINEAR B IDEOGRAM VESSEL B200
100E0		LINEAR B IDEOGRAM VESSEL B201
100E1		LINEAR B IDEOGRAM VESSEL B202
100E2		LINEAR B IDEOGRAM VESSEL B203
100E3		LINEAR B IDEOGRAM VESSEL B204
100E4		LINEAR B IDEOGRAM VESSEL B205
100E5		LINEAR B IDEOGRAM VESSEL B206
100E6		LINEAR B IDEOGRAM VESSEL B207
100E7		LINEAR B IDEOGRAM VESSEL B208
100E8		LINEAR B IDEOGRAM VESSEL B209
100E9		LINEAR B IDEOGRAM VESSEL B210
100EA		LINEAR B IDEOGRAM VESSEL B211
100EB		LINEAR B IDEOGRAM VESSEL B212
100EC		LINEAR B IDEOGRAM VESSEL B213
100ED		LINEAR B IDEOGRAM VESSEL B214
100EE		LINEAR B IDEOGRAM VESSEL B215
100EF		LINEAR B IDEOGRAM VESSEL B216
100F0		LINEAR B IDEOGRAM VESSEL B217
100F1		LINEAR B IDEOGRAM VESSEL B218
100F2		LINEAR B IDEOGRAM VESSEL B219
100F3		LINEAR B IDEOGRAM VESSEL B221
100F4		LINEAR B IDEOGRAM VESSEL B222
100F5		LINEAR B IDEOGRAM VESSEL B226
100F6		LINEAR B IDEOGRAM VESSEL B227
100F7		LINEAR B IDEOGRAM VESSEL B228
100F8		LINEAR B IDEOGRAM VESSEL B229
100F9		LINEAR B IDEOGRAM VESSEL B250
100FA		LINEAR B IDEOGRAM VESSEL B305

- the shape of this ideogram is only partially known

	1010	1011	1012	1013
0	·	-	○○ ○○ ○○	◊◊ ◊◊ ◊◊
1	•	=	○○○ ○○○	◊◊◊ ◊◊◊
2	X	≡	·◊-	◊◊ ◊◊ ◊◊
3		==	◊◊◊	◊◊◊ ◊◊◊
4		==	◊◊	
5		==	◊◊	
6		==	◊◊	
7	I	==	◊◊	ΔΔ
8	II	==	◊◊	ζ
9	III	○	◊◊	#
A	II II	○○	◊◊◊ ◊◊◊	⌚
B	III II	○○	·◊-	⌚
C	III III	○○	◊◊◊	⌚
D	III III	○○	◊◊	⌚
E	III III	○○	◊◊◊	⌚
F	III III	○○	◊◊◊	⌚

**Punctuation**

- 10100 · AEGEAN WORD SEPARATOR LINE  
 10101 · AEGEAN WORD SEPARATOR DOT  
 10102 × AEGEAN CHECK MARK

**Numbers**

- 10107 ' AEGEAN NUMBER ONE  
 10108 " AEGEAN NUMBER TWO  
 10109 "' AEGEAN NUMBER THREE  
 1010A :: AEGEAN NUMBER FOUR  
 1010B :::: AEGEAN NUMBER FIVE  
 1010C ::::: AEGEAN NUMBER SIX  
 1010D ::::: AEGEAN NUMBER SEVEN  
 1010E ::::: AEGEAN NUMBER EIGHT  
 1010F ::::: AEGEAN NUMBER NINE  
 10110 - AEGEAN NUMBER TEN  
 10111 = AEGEAN NUMBER TWENTY  
 10112 ≡ AEGEAN NUMBER THIRTY  
 10113 == AEGEAN NUMBER FORTY  
 10114 ==: AEGEAN NUMBER FIFTY  
 10115 ==:: AEGEAN NUMBER SIXTY  
 10116 ==::: AEGEAN NUMBER SEVENTY  
 10117 ==::: AEGEAN NUMBER EIGHTY  
 10118 ==::: AEGEAN NUMBER NINETY  
 10119 ° AEGEAN NUMBER ONE HUNDRED  
 1011A °° AEGEAN NUMBER TWO HUNDRED  
 1011B °°° AEGEAN NUMBER THREE HUNDRED  
 1011C °°°° AEGEAN NUMBER FOUR HUNDRED  
 1011D °°°°° AEGEAN NUMBER FIVE HUNDRED  
 1011E °°°°°° AEGEAN NUMBER SIX HUNDRED  
 1011F °°°°°°° AEGEAN NUMBER SEVEN HUNDRED  
 10120 °°°°°°°° AEGEAN NUMBER EIGHT HUNDRED  
 10121 °°°°°°°°° AEGEAN NUMBER NINE HUNDRED  
 10122 ◊ AEGEAN NUMBER ONE THOUSAND  
 10123 ◊◊ AEGEAN NUMBER TWO THOUSAND  
 10124 ◊◊◊ AEGEAN NUMBER THREE THOUSAND  
 10125 ◊◊◊◊ AEGEAN NUMBER FOUR THOUSAND  
 10126 ◊◊◊◊◊ AEGEAN NUMBER FIVE THOUSAND  
 10127 ◊◊◊◊◊◊ AEGEAN NUMBER SIX THOUSAND  
 10128 ◊◊◊◊◊◊◊ AEGEAN NUMBER SEVEN THOUSAND  
 10129 ◊◊◊◊◊◊◊◊ AEGEAN NUMBER EIGHT THOUSAND  
 1012A ◊◊◊◊◊◊◊◊◊ AEGEAN NUMBER NINE THOUSAND  
 1012B ◊◊◊◊◊◊◊◊◊◊ AEGEAN NUMBER TEN THOUSAND  
 1012C ◊◊◊◊◊◊◊◊◊◊◊ AEGEAN NUMBER TWENTY THOUSAND  
 1012D ◊◊◊◊◊◊◊◊◊◊◊◊ AEGEAN NUMBER THIRTY THOUSAND  
 1012E ◊◊◊◊◊◊◊◊◊◊◊◊◊ AEGEAN NUMBER FORTY THOUSAND  
 1012F ◊◊◊◊◊◊◊◊◊◊◊◊◊◊ AEGEAN NUMBER FIFTY THOUSAND  
 10130 ◊◊◊◊◊◊◊◊◊◊◊◊◊◊◊ AEGEAN NUMBER SIXTY THOUSAND  
 10131 ◊◊◊◊◊◊◊◊◊◊◊◊◊◊◊◊ AEGEAN NUMBER SEVENTY THOUSAND  
 10132 ◊◊◊◊◊◊◊◊◊◊◊◊◊◊◊◊ AEGEAN NUMBER EIGHTY THOUSAND  
 10133 ◊◊◊◊◊◊◊◊◊◊◊◊◊◊◊◊◊ AEGEAN NUMBER NINETY THOUSAND

**Measures**

- 10137 ⚱ AEGEAN WEIGHT BASE UNIT  
 10138 ⚲ AEGEAN WEIGHT FIRST SUBUNIT  
 10139 ⚳ AEGEAN WEIGHT SECOND SUBUNIT  
 1013A ⚴ AEGEAN WEIGHT THIRD SUBUNIT  
 1013B ⚵ AEGEAN WEIGHT FOURTH SUBUNIT  
 1013C ⚶ AEGEAN DRY MEASURE FIRST SUBUNIT  
 1013D ⚷ AEGEAN LIQUID MEASURE FIRST SUBUNIT  
 1013E ⚸ AEGEAN MEASURE SECOND SUBUNIT  
 1013F ⚹ AEGEAN MEASURE THIRD SUBUNIT

	1014	1015	1016	1017	1018
0	Ͳ	Δ <sub>Σ</sub>	Ͳ	Ͳ	Ͳ
1	Ͳ	Ͳ <sub>Σ</sub>	Ͳ	Ͳ	Ͳ
2	Ͳ	Ͳ <sub>Σ</sub>	Ͳ	Ͳ	Ͳ
3	Ͳ	Ͳ <sub>Σ</sub>	Ͳ	Ͳ	Ͳ
4	Ͳ	Ͳ <sub>Σ</sub>	Ͳ	Ͳ <sup>M</sup>	Ͳ <sup>O</sup>
5	Ͳ	Ͳ <sub>Σ</sub>	Ͳ	Ͳ	Ͳ
6	Ͳ	Ͳ <sub>Σ</sub>	Ͳ	Ͳ	Ͳ
7	Ͳ	Ͳ <sub>Σ</sub>	Ͳ	Ͳ	Ͳ
8	Ͳ	Ͳ	Ͳ	Ͳ	Ͳ
9	Ͳ	Ͳ	Ͳ	Ͳ	Ͳ
A	Ͳ	Ͳ	Ͳ	Ͳ	Ͳ
B	Ͳ	Ͳ	Ͳ	Ͳ	Ͳ
C	Ͳ	Ͳ	Ͳ	Ͳ	Ͳ
D	Ͳ	Ͳ	Ͳ	Ͳ	
E	Ͳ	Ͳ	Ͳ	Ͳ	
F	Ͳ	Ͳ	Ͳ	Ͳ	

## Ancient Greek acrophonic numerals

*These are shown as sans-serif forms because that corresponds more closely to their appearance in ancient texts.*

- |       |      |   |
|-------|------|---|
| 10140 | ▷    | GREEK ACROPHONIC ATTIC ONE QUARTER  |
| 10141 | ◁    | GREEK ACROPHONIC ATTIC ONE HALF   |
| 10142 | └    | GREEK ACROPHONIC ATTIC ONE DRACHMA  |
| 10143 | Γ    | GREEK ACROPHONIC ATTIC FIVE   |
| 10144 | Ϛ    | GREEK ACROPHONIC ATTIC FIFTY  |
| 10145 | ϚϚ   | GREEK ACROPHONIC ATTIC FIVE HUNDRED   |
| 10146 | ϚϚϚ  | GREEK ACROPHONIC ATTIC FIVE THOUSAND  |
| 10147 | ϚϚϚϚ | GREEK ACROPHONIC ATTIC FIFTY THOUSAND   |
| 10148 | ϚϚϚϚ | GREEK ACROPHONIC ATTIC FIVE TALENTS   |
| 10149 | Δ    | GREEK ACROPHONIC ATTIC TEN TALENTS  |
| 1014A | Ϛ    | GREEK ACROPHONIC ATTIC FIFTY TALENTS  |
| 1014B | ϚϚ   | GREEK ACROPHONIC ATTIC ONE HUNDRED TALENTS  |
| 1014C | ϚϚϚ  | GREEK ACROPHONIC ATTIC FIVE HUNDRED TALENTS   |
| 1014D | ϚϚϚϚ | GREEK ACROPHONIC ATTIC ONE THOUSAND TALENTS   |
| 1014E | ϚϚϚϚ | GREEK ACROPHONIC ATTIC FIVE THOUSAND TALENTS  |
| 1014F | ϚϚϚϚ | GREEK ACROPHONIC ATTIC FIVE STATORS   |
| 10150 | Δ    | GREEK ACROPHONIC ATTIC TEN STATORS  |
| 10151 | Ϛ    | GREEK ACROPHONIC ATTIC FIFTY STATORS  |
| 10152 | ϚϚ   | GREEK ACROPHONIC ATTIC ONE HUNDRED STATORS  |
| 10153 | ϚϚϚ  | GREEK ACROPHONIC ATTIC FIVE HUNDRED STATORS   |
| 10154 | Ϛ    | GREEK ACROPHONIC ATTIC ONE THOUSAND STATORS   |
| 10155 | Ϻ    | GREEK ACROPHONIC ATTIC TEN THOUSAND STATORS   |
| 10156 | ϚϚ   | GREEK ACROPHONIC ATTIC FIFTY THOUSAND STATORS   |
| 10157 | Ϻ    | GREEK ACROPHONIC ATTIC TEN MNAS   |
| 10158 | Ϛ    | GREEK ACROPHONIC HERAEUM ONE PLETHRON   |
| 10159 | ▷    | GREEK ACROPHONIC THESPIAN ONE   |
| 1015A | Ϛ    | GREEK ACROPHONIC HERMIONIAN ONE   |
| 1015B | :    | GREEK ACROPHONIC EPIDAUREAN TWO<br>→ 205A : two dot punctuation   |
| 1015C | Ϛ    | GREEK ACROPHONIC THESPIAN TWO   |
| 1015D | Ϛ    | GREEK ACROPHONIC CYRENAIC TWO DRACHMAS  |
| 1015E | Ϛ    | GREEK ACROPHONIC EPIDAUREAN TWO DRACHMAS<br>• top line is at cap height, unlike 10111 =<br>→ 10111 = aegean number twenty |
| 1015F | Ϛ    | GREEK ACROPHONIC TROEZENIAN FIVE  |
| 10160 | Ϛ    | GREEK ACROPHONIC TROEZENIAN TEN   |
| 10161 | Ϛ    | GREEK ACROPHONIC TROEZENIAN TEN ALTERNATE FORM  |
| 10162 | Ϻ    | GREEK ACROPHONIC HERMIONIAN TEN   |
| 10163 | Ϻ    | GREEK ACROPHONIC MESSENIAN TEN  |
| 10164 | ▷    | GREEK ACROPHONIC THESPIAN TEN   |
| 10165 | ▷    | GREEK ACROPHONIC THESPIAN THIRTY  |
| 10166 | Ϛ    | GREEK ACROPHONIC TROEZENIAN FIFTY   |
| 10167 | Ϛ    | GREEK ACROPHONIC TROEZENIAN FIFTY ALTERNATE FORM  |
| 10168 | Ϛ    | GREEK ACROPHONIC HERMIONIAN FIFTY   |
| 10169 | Ϛ    | GREEK ACROPHONIC THESPIAN FIFTY   |

- |       |   |  |
|-------|---|--|
| 1016A | Ἑ | GREEK ACROPHONIC THESPIAN ONE HUNDRED    |
| 1016B | Ἕ | GREEK ACROPHONIC THESPIAN THREE HUNDRED  |
| 1016C | Ἕ | GREEK ACROPHONIC EPIDAUREAN FIVE HUNDRED |
| 1016D | Ἕ | GREEK ACROPHONIC TROEZENIAN FIVE HUNDRED |
| 1016E | Ἕ | GREEK ACROPHONIC THESPIAN FIVE HUNDRED   |
| 1016F | Ἕ | GREEK ACROPHONIC CARYSTIAN FIVE HUNDRED  |
| 10170 | Ἥ | GREEK ACROPHONIC NAXIAN FIVE HUNDRED     |
| 10171 | Ὕ | GREEK ACROPHONIC THESPIAN ONE THOUSAND   |
| 10172 | Ὕ | GREEK ACROPHONIC THESPIAN FIVE THOUSAND  |
| 10173 | Ὕ | GREEK ACROPHONIC DELPHIC FIVE MNAS       |
| 10174 | Ὕ | GREEK ACROPHONIC STRATIAN FIFTY MNAS     |

## Ancient Greek papyrological numbers

- |       |                         |                                    |
|-------|-------------------------|------------------------------------|
| 10175 | ⌚                       | GREEK ONE HALF SIGN                |
| 10176 | ⌚ς                      | GREEK ONE HALF SIGN ALTERNATE FORM |
| 10177 | ⌚ς                      | GREEK TWO THIRDS SIGN              |
| 10178 | ⌚⌚                      | GREEK THREE QUARTERS SIGN          |
| 10179 | ⌚⌚⌚                     | GREEK YEAR SIGN                    |
| 1017A | ⌚⌚⌚⌚                    | GREEK TALENT SIGN                  |
| 1017B | ⌚⌚⌚⌚⌚                   | GREEK DRACHMA SIGN                 |
| 1017C | ⌚⌚⌚⌚⌚⌚                  | GREEK OBOL SIGN                    |
| 1017D | ⌚⌚⌚⌚⌚⌚⌚                 | GREEK TWO OBOLS SIGN               |
| 1017E | ⌚⌚⌚⌚⌚⌚⌚⌚                | GREEK THREE OBOLS SIGN             |
| 1017F | ⌚⌚⌚⌚⌚⌚⌚⌚⌚               | GREEK FOUR OBOLS SIGN              |
| 10180 | ⌚⌚⌚⌚⌚⌚⌚⌚⌚⌚              | GREEK FIVE OBOLS SIGN              |
| 10181 | ⌚⌚⌚⌚⌚⌚⌚⌚⌚⌚⌚             | GREEK METRETES SIGN                |
| 10182 | ⌚⌚⌚⌚⌚⌚⌚⌚⌚⌚⌚⌚            | GREEK KYATHOS BASE SIGN            |
| 10183 | ⌚⌚⌚⌚⌚⌚⌚⌚⌚⌚⌚⌚⌚           | GREEK LITRA SIGN                   |
| 10184 | ⌚⌚⌚⌚⌚⌚⌚⌚⌚⌚⌚⌚⌚⌚          | GREEK OUNKIA SIGN                  |
| 10185 | ⌚⌚⌚⌚⌚⌚⌚⌚⌚⌚⌚⌚⌚⌚⌚         | GREEK XESTES SIGN                  |
| 10186 | ⌚⌚⌚⌚⌚⌚⌚⌚⌚⌚⌚⌚⌚⌚⌚⌚        | GREEK ARTABE SIGN                  |
| 10187 | ⌚⌚⌚⌚⌚⌚⌚⌚⌚⌚⌚⌚⌚⌚⌚⌚⌚       | GREEK AROURA SIGN                  |
| 10188 | ⌚⌚⌚⌚⌚⌚⌚⌚⌚⌚⌚⌚⌚⌚⌚⌚⌚⌚      | GREEK GRAMMA SIGN                  |
| 10189 | ⌚⌚⌚⌚⌚⌚⌚⌚⌚⌚⌚⌚⌚⌚⌚⌚⌚⌚⌚     | GREEK TRYBLION BASE SIGN           |
| 1018A | ⌚⌚⌚⌚⌚⌚⌚⌚⌚⌚⌚⌚⌚⌚⌚⌚⌚⌚⌚⌚⌚   | GREEK ZERO SIGN                    |
| 1018B | ⌚⌚⌚⌚⌚⌚⌚⌚⌚⌚⌚⌚⌚⌚⌚⌚⌚⌚⌚⌚⌚⌚⌚ | GREEK ONE QUARTER SIGN             |

### Ancient Greek symbol

- 1018C § GREEK SINUSOID SIGN  
• designates year

	1019	101A	101B	101C
0	=	φ		
1	—			
2	Ϛ			
3	Ϛ			
4	Ϛ			
5	)			
6	✖			
7	▼			
8	HS			
9	H			
A	†			
B	➤			
C				
D				
E				
F				

**Roman weights and measures**

- 10190 = ROMAN SEXTANS SIGN  
   → 003D = equals sign  
 10191 – ROMAN UNCIA SIGN  
   → 002D – hyphen-minus  
 10192 ₋ ROMAN SEMUNCIA SIGN  
   → 00A3 ₋ pound sign  
 10193 ₌ ROMAN SEXTULA SIGN  
   → A644 ₌ cyrillic capital letter reversed dze  
 10194 ₍ ROMAN DIMIDIA SEXTULA SIGN  
 10195 )) ROMAN SILQUA SIGN

**Roman coin symbols**

- 10196 ✕ ROMAN DENARIUS SIGN  
 10197 ✚ ROMAN QUINARIUS SIGN  
 10198 HS ROMAN SESTERTIUS SIGN  
 10199 H ROMAN DUPONDIIUS SIGN  
 1019A † ROMAN AS SIGN  
   → 233F † apl functional symbol slash bar

**Roman military symbol**

- 1019B > ROMAN CENTURIAL SIGN

**Greek symbol**

- 101A0 ϕ GREEK SYMBOL TAU RHO  
   = rho-cross, staurogram  
   → 2627 ρ chi rho  
   → 2CE8 ϕ coptic symbol tau ro

	101D	101E	101F
0			
1			
2			
3			
4			
5			
6			
7			
8			
9			
A			
B			
C			
D			
E			
F			

The characters in this block can be used to represent the signs found on the undeciphered Phaistos Disc.

### Signs

- 101D0 PHAISTOS DISC SIGN PEDESTRIAN
- 101D1 PHAISTOS DISC SIGN PLUMED HEAD
- 101D2 PHAISTOS DISC SIGN TATTOOED HEAD
- 101D3 PHAISTOS DISC SIGN CAPTIVE
- 101D4 PHAISTOS DISC SIGN CHILD
- 101D5 PHAISTOS DISC SIGN WOMAN
- 101D6 PHAISTOS DISC SIGN HELMET
- 101D7 PHAISTOS DISC SIGN GAUNTLET
- 101D8 PHAISTOS DISC SIGN TIARA
- 101D9 PHAISTOS DISC SIGN ARROW
- 101DA PHAISTOS DISC SIGN BOW
- 101DB PHAISTOS DISC SIGN SHIELD
- 101DC PHAISTOS DISC SIGN CLUB
- 101DD PHAISTOS DISC SIGN MANACLES
- 101DE PHAISTOS DISC SIGN MATTOCK
- 101DF PHAISTOS DISC SIGN SAW
- 101E0 PHAISTOS DISC SIGN LID
- 101E1 PHAISTOS DISC SIGN BOOMERANG
- 101E2 PHAISTOS DISC SIGN CARPENTRY PLANE
- 101E3 PHAISTOS DISC SIGN DOLIUM
- 101E4 PHAISTOS DISC SIGN COMB
- 101E5 PHAISTOS DISC SIGN SLING
- 101E6 PHAISTOS DISC SIGN COLUMN
- 101E7 PHAISTOS DISC SIGN BEEHIVE
- 101E8 PHAISTOS DISC SIGN SHIP
- 101E9 PHAISTOS DISC SIGN HORN
- 101EA PHAISTOS DISC SIGN HIDE
- 101EB PHAISTOS DISC SIGN BULLS LEG
- 101EC PHAISTOS DISC SIGN CAT
- 101ED PHAISTOS DISC SIGN RAM
- 101EE PHAISTOS DISC SIGN EAGLE
- 101EF PHAISTOS DISC SIGN DOVE
- 101F0 PHAISTOS DISC SIGN TUNNY
- 101F1 PHAISTOS DISC SIGN BEE
- 101F2 PHAISTOS DISC SIGN PLANE TREE
- 101F3 PHAISTOS DISC SIGN VINE
- 101F4 PHAISTOS DISC SIGN PAPYRUS
- 101F5 PHAISTOS DISC SIGN ROSETTE
- 101F6 PHAISTOS DISC SIGN LILY
- 101F7 PHAISTOS DISC SIGN OX BACK
- 101F8 PHAISTOS DISC SIGN FLUTE
- 101F9 PHAISTOS DISC SIGN GRATER
- 101FA PHAISTOS DISC SIGN STRAINER
- 101FB PHAISTOS DISC SIGN SMALL AXE
- 101FC PHAISTOS DISC SIGN WAVY BAND

### Combining stroke

- 101FD PHAISTOS DISC SIGN COMBINING OBLIQUE STROKE

	1028	1029
0	፩	፪
	10280	10290
1	፪	፯
	10281	10291
2	፫	፭
	10282	10292
3	፮	፻
	10283	10293
4	፯	❖
	10284	10294
5	፳	፻
	10285	10295
6	፭	፾
	10286	10296
7	፪	፿
	10287	10297
8	፯	፻
	10288	10298
9	፪	፻
	10289	10299
A	፲	፻
	1028A	1029A
B	፻	+
	1028B	1029B
C	፸	፻
	1028C	1029C
D	፳	
	1028D	
E	፮	
	1028E	
F	፷	
	1028F	

**Letters**

- 10280 ፩ LYCIAN LETTER A  
 10281 ፪ LYCIAN LETTER E  
 10282 ፫ LYCIAN LETTER B  
 10283 ፮ LYCIAN LETTER BH  
 10284 ፯ LYCIAN LETTER G  
 10285 ፳ LYCIAN LETTER D  
 10286 ፻ LYCIAN LETTER I  
 10287 ፿ LYCIAN LETTER W  
 10288 ፯ LYCIAN LETTER Z  
 10289 ፾ LYCIAN LETTER TH  
 1028A ፲ LYCIAN LETTER J  
 1028B ፻ LYCIAN LETTER K  
 1028C ፸ LYCIAN LETTER Q  
 1028D ፳ LYCIAN LETTER L  
 1028E ፮ LYCIAN LETTER M  
 1028F ፷ LYCIAN LETTER N  
 10290 ፪ LYCIAN LETTER MM  
 10291 ፯ LYCIAN LETTER NN  
 10292 ፻ LYCIAN LETTER U  
 10293 ፿ LYCIAN LETTER P  
 10294 ❖ LYCIAN LETTER KK  
 10295 ፻ LYCIAN LETTER R  
 10296 ፻ LYCIAN LETTER S  
 10297 ፿ LYCIAN LETTER T  
 10298 ፻ LYCIAN LETTER TT  
 10299 ፻ LYCIAN LETTER AN  
 1029A ፻ LYCIAN LETTER EN  
 1029B + LYCIAN LETTER H  
 1029C ፻ LYCIAN LETTER X

102A0

Carian

102DF

	102A	102B	102C	102D
0	A 102A0	ℳ 102B0	ꝧ 102C0	ꝩ 102D0
1	ꝑ 102A1	ꝑ 102B1	ꝑ 102C1	
2	ꝑ 102A2	ꝑ 102B2	ꝑ 102C2	
3	ꝑ 102A3	ꝑ 102B3	ꝑ 102C3	
4	ꝑ 102A4	ꝑ 102B4	ꝑ 102C4	
5	ꝑ 102A5	ꝑ 102B5	ꝑ 102C5	
6	ꝑ 102A6	ꝑ 102B6	ꝑ 102C6	
7	ꝑ 102A7	ꝑ 102B7	ꝑ 102C7	
8	ꝑ 102A8	ꝑ 102B8	ꝑ 102C8	
9	ꝑ 102A9	ꝑ 102B9	ꝑ 102C9	
A	ꝑ 102AA	ꝑ 102BA	ꝑ 102CA	
B	ꝑ 102AB	ꝑ 102BB	ꝑ 102CB	
C	ꝑ 102AC	ꝑ 102BC	ꝑ 102CC	
D	ꝑ 102AD	ꝑ 102BD	ꝑ 102CD	
E	ꝑ 102AE	ꝑ 102BE	ꝑ 102CE	
F	ꝑ 102AF	ꝑ 102BF	ꝑ 102CF	

**Letters**

- 102A0 A CARIAN LETTER A  
 102A1 B CARIAN LETTER P2  
 102A2 C CARIAN LETTER D  
 102A3 Δ CARIAN LETTER L  
 102A4 Ε CARIAN LETTER UUU  
 102A5 F CARIAN LETTER R  
 102A6 I CARIAN LETTER LD  
 102A7 日 CARIAN LETTER A2  
 102A8 ⊕ CARIAN LETTER Q  
 102A9 Γ CARIAN LETTER B  
 102AA N CARIAN LETTER M  
 102AB O CARIAN LETTER O  
 102AC Π CARIAN LETTER D2  
 102AD Ω CARIAN LETTER T  
 102AE ◊ CARIAN LETTER SH  
 102AF ρ CARIAN LETTER SH2  
 102B0 ℳ CARIAN LETTER S  
 102B1 ꝑ CARIAN LETTER C-18  
 102B2 Y CARIAN LETTER U  
 102B3 φ CARIAN LETTER NN  
 102B4 × CARIAN LETTER X  
 102B5 Ψ CARIAN LETTER N  
 102B6 Ω CARIAN LETTER TT2  
 102B7 ℳ CARIAN LETTER P  
 102B8 ⊖ CARIAN LETTER SS  
 102B9 ◊ CARIAN LETTER I  
 102BA □ CARIAN LETTER E  
 102BB ◊ CARIAN LETTER UUUU  
 102BC ∇ CARIAN LETTER K  
 102BD Ÿ CARIAN LETTER K2  
 102BE ≈ CARIAN LETTER ND  
 102BF ≡ CARIAN LETTER UU  
 102C0 ≈ CARIAN LETTER G  
 102C1 ≈ CARIAN LETTER G2  
 102C2 ) CARIAN LETTER ST  
 102C3 ≈ CARIAN LETTER ST2  
 102C4 ≈ CARIAN LETTER NG  
 102C5 ≈ CARIAN LETTER II  
 102C6 ≈ CARIAN LETTER C-39  
 102C7 ↑ CARIAN LETTER TT  
 102C8 ≈ CARIAN LETTER UUU2  
 102C9 ≈ CARIAN LETTER RR  
 102CA ≈ CARIAN LETTER MB  
 102CB ≈ CARIAN LETTER MB2  
 102CC ≈ CARIAN LETTER MB3  
 102CD ≈ CARIAN LETTER MB4  
 102CE ≈ CARIAN LETTER LD2  
 102CF ≈ CARIAN LETTER E2  
 102D0 ≈ CARIAN LETTER UUU3

	102E	102F
0	102E0	102F0
1	102E1	102F1
2	102E2	102F2
3	102E3	102F3
4	102E4	102F4
5	102E5	102F5
6	102E6	102F6
7	102E7	102F7
8	102E8	102F8
9	102E9	102F9
A	102EA	102FA
B	102EB	102FB
C	102EC	
D	102ED	
E	102EE	
F	102EF	

**Sign**

102E0 Ⓜ COPTIC EPACT THOUSANDS MARK

**Digits**

- 102E1 ⌈ COPTIC EPACT DIGIT ONE
- 102E2 ⌉ COPTIC EPACT DIGIT TWO
- 102E3 ⌋ COPTIC EPACT DIGIT THREE
- 102E4 ⌊ COPTIC EPACT DIGIT FOUR
- 102E5 ⌈ COPTIC EPACT DIGIT FIVE
- 102E6 ⌉ COPTIC EPACT DIGIT SIX
- 102E7 ⌋ COPTIC EPACT DIGIT SEVEN
- 102E8 ⌊ COPTIC EPACT DIGIT EIGHT
- 102E9 ⌈ COPTIC EPACT DIGIT NINE

**Numbers**

- 102EA ⌈ COPTIC EPACT NUMBER TEN
- 102EB ⌉ COPTIC EPACT NUMBER TWENTY
- 102EC ⌋ COPTIC EPACT NUMBER THIRTY
- 102ED ⌊ COPTIC EPACT NUMBER FORTY
- 102EE ⌈ COPTIC EPACT NUMBER FIFTY
- 102EF ⌉ COPTIC EPACT NUMBER SIXTY
- 102F0 ⌋ COPTIC EPACT NUMBER SEVENTY
- 102F1 ⌊ COPTIC EPACT NUMBER EIGHTY
- 102F2 ⌈ COPTIC EPACT NUMBER NINETY
- 102F3 ⌉ COPTIC EPACT NUMBER ONE HUNDRED
- 102F4 ⌋ COPTIC EPACT NUMBER TWO HUNDRED
- 102F5 ⌊ COPTIC EPACT NUMBER THREE HUNDRED
- 102F6 ⌈ COPTIC EPACT NUMBER FOUR HUNDRED
- 102F7 ⌉ COPTIC EPACT NUMBER FIVE HUNDRED
- 102F8 ⌋ COPTIC EPACT NUMBER SIX HUNDRED
- 102F9 ⌊ COPTIC EPACT NUMBER SEVEN HUNDRED
- 102FA ⌈ COPTIC EPACT NUMBER EIGHT HUNDRED
- 102FB ⌉ COPTIC EPACT NUMBER NINE HUNDRED

10300

## Old Italic

1032F

	1030	1031	1032	
0	A	B	I	
1	B	M	A	
2	C	O	X	
3	D	P	↑	
4	E	Σ		
5	F	T		
6	I	Y		
7	日	X		
8	⊗	∅		
9		Ψ		
A	ꝑ	ꝑ		
B	ꝑ	P		
C	ꝑ	ꝑ		
D	ꝑ	ꝑ		
E	ꝑ	ꝑ		
F	ꝑ	ꝑ		

**Letters**

- 10300 A OLD ITALIC LETTER A  
 10301 B OLD ITALIC LETTER BE  
 10302 C OLD ITALIC LETTER KE  
 10303 D OLD ITALIC LETTER DE  
 10304 E OLD ITALIC LETTER E  
 10305 F OLD ITALIC LETTER VE  
 10306 I OLD ITALIC LETTER ZE  
 10307 日 OLD ITALIC LETTER HE  
 10308 Θ OLD ITALIC LETTER THE  
 10309 I OLD ITALIC LETTER I  
 1030A K OLD ITALIC LETTER KA  
 1030B L OLD ITALIC LETTER EL  
 1030C M OLD ITALIC LETTER EM  
 1030D N OLD ITALIC LETTER EN  
 1030E 疊 OLD ITALIC LETTER ESH  
 1030F O OLD ITALIC LETTER O  
   • Faliscan  
 10310 P OLD ITALIC LETTER PE  
 10311 M OLD ITALIC LETTER SHE  
 10312 Q OLD ITALIC LETTER KU  
 10313 R OLD ITALIC LETTER ER  
 10314 Σ OLD ITALIC LETTER ES  
 10315 T OLD ITALIC LETTER TE  
 10316 Y OLD ITALIC LETTER U  
 10317 X OLD ITALIC LETTER EKS  
   • Faliscan  
 10318 φ OLD ITALIC LETTER PHE  
 10319 ώ OLD ITALIC LETTER KHE  
 1031A 8 OLD ITALIC LETTER EF

**Umbrian letters**

- 1031B ꝑ OLD ITALIC LETTER ERS  
 1031C ꝑ OLD ITALIC LETTER CHE

**Oscan letters**

- 1031D Ꝓ OLD ITALIC LETTER II  
 1031E ꝕ OLD ITALIC LETTER UU

**South Picene letter**

- 1031F \* OLD ITALIC LETTER ESS

**Numerals**

- 10320 I OLD ITALIC NUMERAL ONE  
 10321 A OLD ITALIC NUMERAL FIVE  
 10322 X OLD ITALIC NUMERAL TEN  
 10323 ↑ OLD ITALIC NUMERAL FIFTY

	1033	1034
0	Α 10330	Π 10340
1	Β 10331	Ϙ 10341
2	Γ 10332	Ϟ 10342
3	Ϛ 10333	Ϻ 10343
4	Ϛ 10334	Ͳ 10344
5	ϻ 10335	ϻ 10345
6	ϻ 10336	ߝ 10346
7	հ 10337	Խ 10347
8	Փ 10338	Օ 10348
9	լ 10339	Ղ 10349
A	Ր 1033A	↑ 1034A
B	Ճ 1033B	
C	Ճ 1033C	
D	Ն 1033D	
E	Ճ 1033E	
F	Պ 1033F	

**Letters**

- 10330 **Ա** GOTHIC LETTER AHSA  
 10331 **Բ** GOTHIC LETTER BAIRKAN  
 10332 **Գ** GOTHIC LETTER GIBA  
 10333 **Ճ** GOTHIC LETTER DAGS  
 10334 **Ճ** GOTHIC LETTER AIHVUS  
 10335 **Ո** GOTHIC LETTER QAIRTHRA  
 10336 **Զ** GOTHIC LETTER IUJA  
 10337 **հ** GOTHIC LETTER HAGL  
 10338 **Փ** GOTHIC LETTER THIUTH  
 10339 **լ** GOTHIC LETTER EIS  
 1033A **Ր** GOTHIC LETTER KUSMA  
 1033B **Ճ** GOTHIC LETTER LAGUS  
 1033C **Ճ** GOTHIC LETTER MANNA  
 1033D **Ն** GOTHIC LETTER NAUTHS  
 1033E **Ճ** GOTHIC LETTER JER  
 1033F **Ո** GOTHIC LETTER URUS  
 10340 **Ո** GOTHIC LETTER PAIRTHRA  
 10341 **Կ** GOTHIC LETTER NINETY  
 10342 **Ր** GOTHIC LETTER RAIDA  
 10343 **Տ** GOTHIC LETTER SAUIL  
 10344 **Ե** GOTHIC LETTER TEIWS  
 10345 **Յ** GOTHIC LETTER WINJA  
 10346 **Ւ** GOTHIC LETTER FAIHU  
 10347 **Խ** GOTHIC LETTER IGGWS  
 10348 **Օ** GOTHIC LETTER HWAIR  
 10349 **Ջ** GOTHIC LETTER OTHAL  
 1034A **↑** GOTHIC LETTER NINE HUNDRED

	1035	1036	1037
0	ဇ	၁	၄
	10350	10360	10370
1	၁	၂	၂
	10351	10361	10371
2	၅	၅	၆
	10352	10362	10372
3	၈	၃	၃
	10353	10363	10373
4	၅	၂	၂
	10354	10364	10374
5	၅	၈	၅
	10355	10365	10375
6	၅	၁	၇
	10356	10366	10376
7	၅	၁	၅
	10357	10367	10377
8	၁	၁	၁
	10358	10368	10378
9	၇	၇	၇
	10359	10369	10379
A	၁	၁	၁
	1035A	1036A	1037A
B	၁	၁	
	1035B	1036B	
C	၁	၁	
	1035C	1036C	
D	၇	၁	
	1035D	1036D	
E	၁	၁	
	1035E	1036E	
F	၁	၁	
	1035F	1036F	

**Letters**

- 10350 ဇ OLD PERMIC LETTER AN  
 10351 ံ OLD PERMIC LETTER BUR  
 10352 ္ OLD PERMIC LETTER GAI  
 10353 း OLD PERMIC LETTER DOI  
 10354 ု OLD PERMIC LETTER E  
 10355 ၁ OLD PERMIC LETTER ZHOI  
 10356 ၂ OLD PERMIC LETTER DZHOI  
 10357 ၄ OLD PERMIC LETTER ZATA  
 10358 ၀ OLD PERMIC LETTER DZITA  
 10359 ၇ OLD PERMIC LETTER I  
 1035A ၁ OLD PERMIC LETTER KOKE  
 1035B ၏ OLD PERMIC LETTER LEI  
 1035C ၏ OLD PERMIC LETTER MENOE  
 1035D ၏ OLD PERMIC LETTER NENOE  
 1035E ။ OLD PERMIC LETTER VOOI  
 1035F ၉ OLD PERMIC LETTER PEEI  
 10360 ၁ OLD PERMIC LETTER REI  
 10361 ၁ OLD PERMIC LETTER SII  
 10362 ၂ OLD PERMIC LETTER TAI  
 10363 ၁ OLD PERMIC LETTER U  
 10364 ၁ OLD PERMIC LETTER CHERY  
 10365 ၁ OLD PERMIC LETTER SHOOI  
 10366 ၁ OLD PERMIC LETTER SHCHOOLI  
 10367 ၂ OLD PERMIC LETTER YRY  
 10368 ၁ OLD PERMIC LETTER YERU  
 10369 ၁ OLD PERMIC LETTER O  
 1036A ၁ OLD PERMIC LETTER OO  
 1036B ၁ OLD PERMIC LETTER EF  
 1036C ၁ OLD PERMIC LETTER HA  
 1036D ၁ OLD PERMIC LETTER TSIU  
 1036E ၁ OLD PERMIC LETTER VER  
 1036F ၁ OLD PERMIC LETTER YER  
 10370 ၁ OLD PERMIC LETTER YERI  
 10371 ၂ OLD PERMIC LETTER YAT  
 10372 ၁ OLD PERMIC LETTER IE  
 10373 ၁ OLD PERMIC LETTER YU  
 10374 ၁ OLD PERMIC LETTER YA  
 10375 ၁ OLD PERMIC LETTER IA

**Combining letters**

- 10376 ၁ COMBINING OLD PERMIC LETTER AN  
 10377 ၁ COMBINING OLD PERMIC LETTER DOI  
 10378 ၁ COMBINING OLD PERMIC LETTER ZATA  
 10379 ၁ COMBINING OLD PERMIC LETTER NENOE  
 1037A ၁ COMBINING OLD PERMIC LETTER SII

	1038	1039
0	►►	►►►
	10380	10390
1	❖	❖
	10381	10391
2	▼	▼
	10382	10392
3	▼▼	◀
	10383	10393
4	❖❖	▬
	10384	10394
5	▬▬▬	▬▬
	10385	10395
6	►►►	❖
	10386	10396
7	▼	►►►
	10387	10397
8	❖	❖
	10388	10398
9	❖	❖
	10389	10399
A	▼▼	▬
	1038A	1039A
B	►►	▬▬▬
	1038B	1039B
C	◀◀	❖❖
	1038C	1039C
D	▬▬▬	▬▬▬
	1038D	1039D
E	▬	▨
	1038E	
F	◀◀	▼
	1038F	1039F

**Letters**

- 10380 ► UGARITIC LETTER ALPA  
 10381 ❖ UGARITIC LETTER BETA  
 10382 ▬ UGARITIC LETTER GAMLA  
 10383 ▾ UGARITIC LETTER KHA  
 10384 ▾▪ UGARITIC LETTER DELTA  
 10385 ▷ UGARITIC LETTER HO  
 10386 ▷▷ UGARITIC LETTER WO  
 10387 ▾ UGARITIC LETTER ZETA  
 10388 ▾❖ UGARITIC LETTER HOTA  
 10389 ▾◀ UGARITIC LETTER TET  
 1038A ▾❖ UGARITIC LETTER YOD  
 1038B ▷ UGARITIC LETTER KAF  
 1038C ▷▷ UGARITIC LETTER SHIN  
 1038D ▾▪ UGARITIC LETTER LAMDA  
 1038E ▾ UGARITIC LETTER MEM  
 1038F ▾ UGARITIC LETTER DHAL  
 10390 ▷▷ UGARITIC LETTER NUN  
 10391 ▾▪ UGARITIC LETTER ZU  
 10392 ▾ UGARITIC LETTER SAMKA  
 10393 ▾ UGARITIC LETTER AIN  
 10394 ▾= UGARITIC LETTER PU  
 10395 ▾ UGARITIC LETTER SADE  
 10396 ▾◀ UGARITIC LETTER QOPA  
 10397 ▾❖ UGARITIC LETTER RASHA  
 10398 ▾❖ UGARITIC LETTER THANNA  
 10399 ▾❖ UGARITIC LETTER GHAIN  
 1039A ▾ UGARITIC LETTER TO  
 1039B ▾= UGARITIC LETTER I  
 1039C ▾▪ UGARITIC LETTER U  
 1039D ▾▪ UGARITIC LETTER SSU

**Punctuation**

- 1039F ▾ UGARITIC WORD DIVIDER

103A0

Old Persian

103DF

	103A	103B	103C	103D
0	𠂔	𠂎	𠂗	𠂉
	103A0	103B0	103C0	103D0
1	𠂔	𠂎	𠂗	𠂊
	103A1	103B1	103C1	103D1
2	𠂔	𠂎	𠂗	𠂋
	103A2	103B2	103C2	103D2
3	𠂔	𠂎	𠂗	𠂈
	103A3	103B3	103C3	103D3
4	𠂔	𠂎		𠂉
	103A4	103B4		103D4
5	𠂔	𠂎		𠂊
	103A5	103B5		103D5
6	𠂔	𠂎		
	103A6	103B6		
7	𠂔	𠂎		
	103A7	103B7		
8	𠂔	𠂎	𠂗	
	103A8	103B8	103C8	
9	𠂔	𠂎	𠂗	
	103A9	103B9	103C9	
A	𠂔	𠂎	𠂗	
	103AA	103BA	103CA	
B	𠂔	𠂎	𠂗	
	103AB	103BB	103CB	
C	𠂔	𠂎	𠂗	
	103AC	103BC	103CC	
D	𠂔	𠂎	𠂗	
	103AD	103BD	103CD	
E	𠂔	𠂎	𠂗	
	103AE	103BE	103CE	
F	𠂔	𠂎	𠂗	
	103AF	103BF	103CF	

**Independent vowels**

- 103A0 𠂔 OLD PERSIAN SIGN A  
 103A1 𠂎 OLD PERSIAN SIGN I  
 103A2 𠂉 OLD PERSIAN SIGN U

**Consonants**

- 103A3 𠂔 OLD PERSIAN SIGN KA  
 103A4 𠂎 OLD PERSIAN SIGN KU  
 103A5 𠂗 OLD PERSIAN SIGN GA  
 103A6 𠂖 OLD PERSIAN SIGN GU  
 103A7 𠂘 OLD PERSIAN SIGN XA  
 103A8 𠂙 OLD PERSIAN SIGN CA  
 103A9 𠂚 OLD PERSIAN SIGN JA  
 103AA 𠂛 OLD PERSIAN SIGN JI  
 103AB 𠂜 OLD PERSIAN SIGN TA  
 103AC 𠂝 OLD PERSIAN SIGN TU  
 103AD 𠂞 OLD PERSIAN SIGN DA  
 103AE 𠂟 OLD PERSIAN SIGN DI  
 103AF 𠂠 OLD PERSIAN SIGN DU  
 103B0 𠂢 OLD PERSIAN SIGN THA  
 103B1 𠂣 OLD PERSIAN SIGN PA  
 103B2 𠂤 OLD PERSIAN SIGN BA  
 103B3 𠂥 OLD PERSIAN SIGN FA  
 103B4 𠂦 OLD PERSIAN SIGN NA  
 103B5 𠂧 OLD PERSIAN SIGN NU  
 103B6 𠂨 OLD PERSIAN SIGN MA  
 103B7 𠂩 OLD PERSIAN SIGN MI  
 103B8 𠂪 OLD PERSIAN SIGN MU  
 103B9 𠂪 OLD PERSIAN SIGN YA  
 103BA 𠂫 OLD PERSIAN SIGN VA  
 103BB 𠂬 OLD PERSIAN SIGN VI  
 103BC 𠂭 OLD PERSIAN SIGN RA  
 103BD 𠂮 OLD PERSIAN SIGN RU  
 103BE 𠂯 OLD PERSIAN SIGN LA  
 103BF 𠂱 OLD PERSIAN SIGN SA  
 103C0 𠂲 OLD PERSIAN SIGN ZA  
 103C1 𠂳 OLD PERSIAN SIGN SHA  
 103C2 𠂴 OLD PERSIAN SIGN SSA  
 103C3 𠂵 OLD PERSIAN SIGN HA

**Various signs**

- 103C8 𠂷 OLD PERSIAN SIGN AURAMAZDA  
 103C9 𠂸 OLD PERSIAN SIGN AURAMAZDAA-2  
 103CA 𠂹 OLD PERSIAN SIGN AURAMAZDAAHA  
 103CB 𠂺 OLD PERSIAN SIGN XSHAAYATHIYA  
 103CC 𠂻 OLD PERSIAN SIGN DAHYAAUSH  
 103CD 𠂽 OLD PERSIAN SIGN DAHYAAUSH-2  
 103CE 𠂽 OLD PERSIAN SIGN BAGA  
 103CF 𠂽 OLD PERSIAN SIGN BUUMISH

**Punctuation**

- 103D0 𠂉 OLD PERSIAN WORD DIVIDER

**Numbers**

- 103D1 𠂊 OLD PERSIAN NUMBER ONE  
 103D2 𠂋 OLD PERSIAN NUMBER TWO  
 103D3 𠂌 OLD PERSIAN NUMBER TEN  
 103D4 𠂍 OLD PERSIAN NUMBER TWENTY  
 103D5 𠂎 OLD PERSIAN NUMBER HUNDRED

	1040	1041	1042	1043	1044
0	ꝑ	ꝑ	ꝑ	ꝑ	ꝑ
1	ꝑ	ꝑ	ꝑ	ꝑ	ꝑ
2	ꝑ	ꝑ	ꝑ	ꝑ	ꝑ
3	ꝑ	ꝑ	ꝑ	ꝑ	ꝑ
4	ꝑ	ꝑ	ꝑ	ꝑ	ꝑ
5	ꝑ	ꝑ	ꝑ	ꝑ	ꝑ
6	ꝑ	ꝑ	ꝑ	ꝑ	ꝑ
7	ꝑ	ꝑ	ꝑ	ꝑ	ꝑ
8	ꝑ	ꝑ	ꝑ	ꝑ	ꝑ
9	ꝑ	ꝑ	ꝑ	ꝑ	ꝑ
A	ꝑ	ꝑ	ꝑ	ꝑ	ꝑ
B	ꝑ	ꝑ	ꝑ	ꝑ	ꝑ
C	ꝑ	ꝑ	ꝑ	ꝑ	ꝑ
D	ꝑ	ꝑ	ꝑ	ꝑ	ꝑ
E	ꝑ	ꝑ	ꝑ	ꝑ	ꝑ
F	ꝑ	ꝑ	ꝑ	ꝑ	ꝑ

10400

Deseret

1044F

**Uppercase letters**

10400 ፩ DESERET CAPITAL LETTER LONG I  
 10401 ፪ DESERET CAPITAL LETTER LONG E  
 10402 ፫ DESERET CAPITAL LETTER LONG A  
 10403 ፬ DESERET CAPITAL LETTER LONG AH  
 10404 ፭ DESERET CAPITAL LETTER LONG O  
 10405 ፮ DESERET CAPITAL LETTER LONG OO  
 10406 ፯ DESERET CAPITAL LETTER SHORT I  
 10407 ፱ DESERET CAPITAL LETTER SHORT E  
 10408 ፲ DESERET CAPITAL LETTER SHORT A  
 10409 ፳ DESERET CAPITAL LETTER SHORT AH  
 1040A ፴ DESERET CAPITAL LETTER SHORT O  
 1040B ፵ DESERET CAPITAL LETTER SHORT OO  
 1040C ፶ DESERET CAPITAL LETTER AY  
 1040D ፷ DESERET CAPITAL LETTER OW  
 1040E ፸ DESERET CAPITAL LETTER WU  
 1040F ፹ DESERET CAPITAL LETTER YEE  
 10410 ፻ DESERET CAPITAL LETTER H  
 10411 ፼ DESERET CAPITAL LETTER PEE  
 10412 ፽ DESERET CAPITAL LETTER BEE  
 10413 ፾ DESERET CAPITAL LETTER TEE  
 10414 ፿ DESERET CAPITAL LETTER DEE  
 10415 ፿ DESERET CAPITAL LETTER CHEE  
 10416 ፻ DESERET CAPITAL LETTER JEE  
 10417 ፿ DESERET CAPITAL LETTER KAY  
 10418 ፿ DESERET CAPITAL LETTER GAY  
 10419 ፿ DESERET CAPITAL LETTER EF  
 1041A ፿ DESERET CAPITAL LETTER VEE  
 1041B ፿ DESERET CAPITAL LETTER ETH  
 1041C ፿ DESERET CAPITAL LETTER THEE  
 1041D ፿ DESERET CAPITAL LETTER ES  
 1041E ፿ DESERET CAPITAL LETTER ZEE  
 1041F ፿ DESERET CAPITAL LETTER ESH  
 10420 ፿ DESERET CAPITAL LETTER ZHEE  
 10421 ፿ DESERET CAPITAL LETTER ER  
 10422 ፿ DESERET CAPITAL LETTER EL  
 10423 ፿ DESERET CAPITAL LETTER EM  
 10424 ፿ DESERET CAPITAL LETTER EN  
 10425 ፿ DESERET CAPITAL LETTER ENG  
 10426 ፿ DESERET CAPITAL LETTER OI  
 10427 ፿ DESERET CAPITAL LETTER EW

**Lowercase letters**

10428 ፩ DESERET SMALL LETTER LONG I  
 10429 ፪ DESERET SMALL LETTER LONG E  
 1042A ፫ DESERET SMALL LETTER LONG A  
 1042B ፬ DESERET SMALL LETTER LONG AH  
 1042C ፭ DESERET SMALL LETTER LONG O  
 1042D ፮ DESERET SMALL LETTER LONG OO  
 1042E ፯ DESERET SMALL LETTER SHORT I  
 1042F ፱ DESERET SMALL LETTER SHORT E  
 10430 ፲ DESERET SMALL LETTER SHORT A  
 10431 ፳ DESERET SMALL LETTER SHORT AH  
 10432 ፴ DESERET SMALL LETTER SHORT O  
 10433 ፵ DESERET SMALL LETTER SHORT OO  
 10434 ፶ DESERET SMALL LETTER AY  
 10435 ፷ DESERET SMALL LETTER OW  
 10436 ፸ DESERET SMALL LETTER WU  
 10437 ፹ DESERET SMALL LETTER YEE  
 10438 ፻ DESERET SMALL LETTER H  
 10439 ፼ DESERET SMALL LETTER PEE  
 1043A ፽ DESERET SMALL LETTER BEE

1043B ፿ DESERET SMALL LETTER TEE  
 1043C ፿ DESERET SMALL LETTER DEE  
 1043D ፿ DESERET SMALL LETTER CHEE  
 1043E ፿ DESERET SMALL LETTER JEE  
 1043F ፿ DESERET SMALL LETTER KAY  
 10440 ፿ DESERET SMALL LETTER GAY  
 10441 ፿ DESERET SMALL LETTER EF  
 10442 ፿ DESERET SMALL LETTER VEE  
 10443 ፿ DESERET SMALL LETTER ETH  
 10444 ፿ DESERET SMALL LETTER THEE  
 10445 ፿ DESERET SMALL LETTER ES  
 10446 ፿ DESERET SMALL LETTER ZEE  
 10447 ፿ DESERET SMALL LETTER ESH  
 10448 ፿ DESERET SMALL LETTER ZHEE  
 10449 ፿ DESERET SMALL LETTER ER  
 1044A ፿ DESERET SMALL LETTER EL  
 1044B ፿ DESERET SMALL LETTER EM  
 1044C ፿ DESERET SMALL LETTER EN  
 1044D ፿ DESERET SMALL LETTER ENG  
 1044E ፿ DESERET SMALL LETTER OI  
 1044F ፿ DESERET SMALL LETTER EW

	1045	1046	1047
0	՚	՚	՚
	10450	10460	10470
1	՚	՚	՚
	10451	10461	10471
2	՚	՚	՚
	10452	10462	10472
3	՚	՚	՚
	10453	10463	10473
4	՚	՚	՚
	10454	10464	10474
5	՚	՚	՚
	10455	10465	10475
6	՚	՚	՚
	10456	10466	10476
7	՚	՚	՚
	10457	10467	10477
8	՚	՚	՚
	10458	10468	10478
9	՚	՚	՚
	10459	10469	10479
A	՚	՚	՚
	1045A	1046A	1047A
B	՚	՚	՚
	1045B	1046B	1047B
C	՚	՚	՚
	1045C	1046C	1047C
D	՚	՚	՚
	1045D	1046D	1047D
E	՚	՚	՚
	1045E	1046E	1047E
F	՚	՚	՚
	1045F	1046F	1047F

**Consonants**

- 10450 ՚ SHAVIAN LETTER PEEP  
 10451 ՚ SHAVIAN LETTER TOT  
 10452 ՚ SHAVIAN LETTER KICK  
 10453 ՚ SHAVIAN LETTER FEE  
 10454 ՚ SHAVIAN LETTER THIGH  
 10455 ՚ SHAVIAN LETTER SO  
 10456 ՚ SHAVIAN LETTER SURE  
 10457 ՚ SHAVIAN LETTER CHURCH  
 10458 ՚ SHAVIAN LETTER YEA  
 10459 ՚ SHAVIAN LETTER HUNG  
 1045A ՚ SHAVIAN LETTER BIB  
 1045B ՚ SHAVIAN LETTER DEAD  
 1045C ՚ SHAVIAN LETTER GAG  
 1045D ՚ SHAVIAN LETTER VOW  
 1045E ՚ SHAVIAN LETTER THEY  
 1045F ՚ SHAVIAN LETTER ZOO  
 10460 ՚ SHAVIAN LETTER MEASURE  
 10461 ՚ SHAVIAN LETTER JUDGE  
 10462 ՚ SHAVIAN LETTER WOE  
 10463 ՚ SHAVIAN LETTER HA-HA  
 10464 ՚ SHAVIAN LETTER LOLL  
 10465 ՚ SHAVIAN LETTER MIME

**Vowels**

- 10466 ՚ SHAVIAN LETTER IF  
 10467 ՚ SHAVIAN LETTER EGG  
 10468 ՚ SHAVIAN LETTER ASH  
 10469 ՚ SHAVIAN LETTER ADO  
 1046A ՚ SHAVIAN LETTER ON  
 1046B ՚ SHAVIAN LETTER WOOL  
 1046C ՚ SHAVIAN LETTER OUT  
 1046D ՚ SHAVIAN LETTER AH  
 1046E ՚ SHAVIAN LETTER ROAR  
 1046F ՚ SHAVIAN LETTER NUN  
 10470 ՚ SHAVIAN LETTER EAT  
 10471 ՚ SHAVIAN LETTER AGE  
 10472 ՚ SHAVIAN LETTER ICE  
 10473 ՚ SHAVIAN LETTER UP  
 10474 ՚ SHAVIAN LETTER OAK  
 10475 ՚ SHAVIAN LETTER OOZE  
 10476 ՚ SHAVIAN LETTER OIL  
 10477 ՚ SHAVIAN LETTER AWE  
 10478 ՚ SHAVIAN LETTER ARE  
 10479 ՚ SHAVIAN LETTER OR  
 1047A ՚ SHAVIAN LETTER AIR  
 1047B ՚ SHAVIAN LETTER ERR  
 1047C ՚ SHAVIAN LETTER ARRAY  
 1047D ՚ SHAVIAN LETTER EAR  
 1047E ՚ SHAVIAN LETTER IAN  
 1047F ՚ SHAVIAN LETTER YEW

	1048	1049	104A
0	đ	ń	ó
	10480	10490	104A0
1	ẅ	ḅ	ṣ
	10481	10491	104A1
2	ḉ	ḉ	ḉ
	10482	10492	104A2
3	í	ḧ	ń
	10483	10493	104A3
4	ń	ë	đ
	10484	10494	104A4
5	ń	ë	ë
	10485	10495	104A5
6	ó	s	ý
	10486	10496	104A6
7	ż	ł	ċ
	10487	10497	104A7
8	ڦ	ڙ	ڦ
	10488	10498	104A8
9	ڦ	ڻ	ڻ
	10489	10499	104A9
A	ڻ	ڻ	
	1048A	1049A	
B	ڦ	ڦ	
	1048B	1049B	
C	ڻ	ڻ	
	1048C	1049C	
D	ڦ	ڻ	
	1048D	1049D	
E	ڻ		
	1048E		
F	ڦ		
	1048F		

**Letters**

- 10480 **đ** OSMANYA LETTER ALEF  
 10481 **ẅ** OSMANYA LETTER BA  
 10482 **ḉ** OSMANYA LETTER TA  
 10483 **í** OSMANYA LETTER JA  
 10484 **ń** OSMANYA LETTER XA  
 10485 **ń** OSMANYA LETTER KHA  
 10486 **ó** OSMANYA LETTER DEEL  
 10487 **ż** OSMANYA LETTER RA  
 10488 **ڦ** OSMANYA LETTER SA  
 10489 **ڦ** OSMANYA LETTER SHIIN  
 1048A **ڻ** OSMANYA LETTER DHA  
 1048B **ڦ** OSMANYA LETTER CAYN  
 1048C **ڻ** OSMANYA LETTER GA  
 1048D **ڦ** OSMANYA LETTER FA  
 1048E **ڦ** OSMANYA LETTER QAAF  
 1048F **ڦ** OSMANYA LETTER KAAF  
 10490 **ń** OSMANYA LETTER LAAN  
 10491 **ń** OSMANYA LETTER MIIN  
 10492 **ڦ** OSMANYA LETTER NUUN  
 10493 **ڦ** OSMANYA LETTER WAW  
 10494 **ڦ** OSMANYA LETTER HA  
 10495 **ڦ** OSMANYA LETTER YA  
 10496 **ڦ** OSMANYA LETTER A  
 10497 **ڻ** OSMANYA LETTER E  
 10498 **ڦ** OSMANYA LETTER I  
 10499 **ڻ** OSMANYA LETTER O  
 1049A **ڻ** OSMANYA LETTER U  
 1049B **ڦ** OSMANYA LETTER AA  
 1049C **ڻ** OSMANYA LETTER EE  
 1049D **ڻ** OSMANYA LETTER OO

**Digits**

- 104A0 **ó** OSMANYA DIGIT ZERO  
 104A1 **ڻ** OSMANYA DIGIT ONE  
 104A2 **ڦ** OSMANYA DIGIT TWO  
 104A3 **ڦ** OSMANYA DIGIT THREE  
 104A4 **ڦ** OSMANYA DIGIT FOUR  
 104A5 **ڦ** OSMANYA DIGIT FIVE  
 104A6 **ڦ** OSMANYA DIGIT SIX  
 104A7 **ڦ** OSMANYA DIGIT SEVEN  
 104A8 **ڦ** OSMANYA DIGIT EIGHT  
 104A9 **ڦ** OSMANYA DIGIT NINE

	1050	1051	1052
0	€ €	ʌ ʌ	μ μ
	10500	10510	10520
1	✗ ✗	ʌ ʌ	ȝ ȝ
	10501	10511	10521
2	ƿ ƿ	h h	ð ð
	10502	10512	10522
3	ȝ ȝ	N N	ȝ ȝ
	10503	10513	10523
4	ʃ ʃ	q q	ゅ ゅ
	10504	10514	10524
5	ʃ ʃ	ㄱ ㄱ	F F
	10505	10515	10525
6	▽ ▽	o o	ㄴ ㄴ
	10506	10516	10526
7	z z	ㅁ ㅁ	">×
	10507	10517	10527
8	ϙ ϙ	K K	ϙ ϙ
	10508	10518	
9	ь ь	ң ң	ϙ ϙ
	10509	10519	
A	҃ ҃	ҹ ҹ	ϙ ϙ
	1050A	1051A	
B	Ҩ Ҩ	ҹ ҹ	ϙ ϙ
	1050B	1051B	
C	Ҫ Ҫ	Ҥ Ҥ	ϙ ϙ
	1050C	1051C	
D	Ӥ ӥ	Ѷ ѷ	ϙ ϙ
	1050D	1051D	
E	Ҽ Ҽ	Ӫ ӫ	ϙ ϙ
	1050E	1051E	
F	Ԇ Ԇ	ӫ ӫ	ϙ ϙ
	1050F	1051F	

**Letters**

10500	€ ELBASAN LETTER A
10501	✗ ELBASAN LETTER BE
10502	ƿ ELBASAN LETTER CE
10503	ȝ ELBASAN LETTER CHE
10504	ʃ ELBASAN LETTER DE
10505	ڻ ELBASAN LETTER ND
10506	▽ ELBASAN LETTER DHE
10507	ڙ ELBASAN LETTER EI
10508	ϙ ELBASAN LETTER E
10509	ڦ ELBASAN LETTER FE
1050A	ڦ ELBASAN LETTER GE
1050B	Ҩ ELBASAN LETTER GJE
1050C	Ҫ ELBASAN LETTER HE
1050D	Ӥ ELBASAN LETTER I
1050E	Ҽ ELBASAN LETTER JE
1050F	Ԇ ELBASAN LETTER KE
10510	ʌ ELBASAN LETTER LE
10511	አ ELBASAN LETTER LLE
10512	ڻ ELBASAN LETTER ME
10513	ڻ ELBASAN LETTER NE
10514	ڣ ELBASAN LETTER NA
10515	ڻ ELBASAN LETTER NJE
10516	ڦ ELBASAN LETTER O
10517	ڦ ELBASAN LETTER PE
10518	ڦ ELBASAN LETTER QE
10519	ڻ ELBASAN LETTER RE
1051A	ڻ ELBASAN LETTER RRE
1051B	ڦ ELBASAN LETTER SE
1051C	ڦ ELBASAN LETTER SHE
1051D	ڻ ELBASAN LETTER TE
1051E	ߠ ELBASAN LETTER THE
1051F	ڦ ELBASAN LETTER U
10520	ڻ ELBASAN LETTER VE
10521	ڦ ELBASAN LETTER XE
10522	ڦ ELBASAN LETTER Y
10523	ڱ ELBASAN LETTER ZE
10524	ڦ ELBASAN LETTER ZHE
10525	ڦ ELBASAN LETTER GHE
10526	ڻ ELBASAN LETTER GHAMMA
10527	ࡏ ELBASAN LETTER KHE

	1053	1054	1055	1056
0	፩	፪	፫	፬
1	፭	፮	፯	፱
2	፻	፼	፽	፾
3	፻	፼	፽	፿
4	፻	፻	፻	
5	፻	፻	፻	
6	፻	፻	፻	
7	፻	፻	፻	
8	፻	፻	፻	
9	፻	፻	፻	
A	፻	፻	፻	
B	፻	፻	፻	
C	፻	፻	፻	
D	፻	፻	፻	
E	፻	፻	፻	
F	፻	፻	፻	፻

**Letters**

- 10530 ፩ CAUCASIAN ALBANIAN LETTER ALT  
 10531 ፪ CAUCASIAN ALBANIAN LETTER BET  
 10532 ፫ CAUCASIAN ALBANIAN LETTER GIM  
 10533 ፬ CAUCASIAN ALBANIAN LETTER DAT  
 10534 ፭ CAUCASIAN ALBANIAN LETTER EB  
 10535 ፮ CAUCASIAN ALBANIAN LETTER ZARL  
 10536 ፯ CAUCASIAN ALBANIAN LETTER EYN  
 10537 ፺ CAUCASIAN ALBANIAN LETTER ZHIL  
 10538 ፻ CAUCASIAN ALBANIAN LETTER TAS  
 10539 ፻ CAUCASIAN ALBANIAN LETTER CHA  
 1053A ፻ CAUCASIAN ALBANIAN LETTER YOWD  
 1053B ፻ CAUCASIAN ALBANIAN LETTER ZHA  
 1053C ፻ CAUCASIAN ALBANIAN LETTER IRB  
 1053D ፻ CAUCASIAN ALBANIAN LETTER SHA  
 1053E ፻ CAUCASIAN ALBANIAN LETTER LAN  
 1053F ፻ CAUCASIAN ALBANIAN LETTER INYA  
 10540 ፻ CAUCASIAN ALBANIAN LETTER XEYN  
 10541 ፻ CAUCASIAN ALBANIAN LETTER DYAN  
 10542 ፻ CAUCASIAN ALBANIAN LETTER CAR  
 10543 ፻ CAUCASIAN ALBANIAN LETTER JHOX  
 10544 ፻ CAUCASIAN ALBANIAN LETTER KAR  
 10545 ፻ CAUCASIAN ALBANIAN LETTER LYIT  
 10546 ፻ CAUCASIAN ALBANIAN LETTER HEYT  
 10547 ፻ CAUCASIAN ALBANIAN LETTER QAY  
 10548 ፻ CAUCASIAN ALBANIAN LETTER AOR  
 10549 ፻ CAUCASIAN ALBANIAN LETTER CHOY  
 1054A ፻ CAUCASIAN ALBANIAN LETTER CHI  
 1054B ፻ CAUCASIAN ALBANIAN LETTER CYAY  
 1054C ፻ CAUCASIAN ALBANIAN LETTER MAQ  
 1054D ፻ CAUCASIAN ALBANIAN LETTER QAR  
 1054E ፻ CAUCASIAN ALBANIAN LETTER NOWC  
 1054F ፻ CAUCASIAN ALBANIAN LETTER DZYAY  
 10550 ፻ CAUCASIAN ALBANIAN LETTER SHAK  
 10551 ፻ CAUCASIAN ALBANIAN LETTER JAYN  
 10552 ፻ CAUCASIAN ALBANIAN LETTER ON  
 10553 ፻ CAUCASIAN ALBANIAN LETTER TYAY  
 10554 ፻ CAUCASIAN ALBANIAN LETTER FAM  
 10555 ፻ CAUCASIAN ALBANIAN LETTER DZAY  
 10556 ፻ CAUCASIAN ALBANIAN LETTER CHAT  
 10557 ፻ CAUCASIAN ALBANIAN LETTER PEN  
 10558 ፻ CAUCASIAN ALBANIAN LETTER GHEYS  
 10559 ፻ CAUCASIAN ALBANIAN LETTER RAT  
 1055A ፻ CAUCASIAN ALBANIAN LETTER SEYK  
 1055B ፻ CAUCASIAN ALBANIAN LETTER VEYZ  
 1055C ፻ CAUCASIAN ALBANIAN LETTER TIWR  
 1055D ፻ CAUCASIAN ALBANIAN LETTER SHOY  
 1055E ፻ CAUCASIAN ALBANIAN LETTER IWN  
 1055F ፻ CAUCASIAN ALBANIAN LETTER CYAW  
 10560 ፻ CAUCASIAN ALBANIAN LETTER CAYN  
 10561 ፻ CAUCASIAN ALBANIAN LETTER YAYD  
 10562 ፻ CAUCASIAN ALBANIAN LETTER PIWR  
 10563 ፻ CAUCASIAN ALBANIAN LETTER KIW

**Punctuation**

- 1056F ፻ CAUCASIAN ALBANIAN CITATION MARK

	1060	1061	1062	1063	1064	1065	1066	1067	1068	1069	106A	106B
0	卜 10600	፩ 10610	፪ 10620	፫ 10630	፬ 10640	፭ 10650	፮ 10660	፯ 10670	፱ 10680	፲ 10690	፳ 106A0	፴ 106B0
1	✚ 10601	፻ 10611	፼ 10621	፽ 10631	፾ 10641	፷ 10651	፸ 10661	፹ 10671	፺ 10681	፻ 10691	፻ 106A1	፻ 106B1
2	❖ 10602	፻ 10612	፻ 10622	፽ 10632	፻ 10642	፻ 10652	፻ 10662	፻ 10672	፻ 10682	፻ 10692	፻ 106A2	፻ 106B2
3	፻ 10603	፻ 10613	፻ 10623	፽ 10633	፻ 10643	፻ 10653	፻ 10663	፻ 10673	፻ 10683	፻ 10693	፻ 106A3	፻ 106B3
4	፻ 10604	፻ 10614	፻ 10624	፽ 10634	፻ 10644	፻ 10654	→ 10664	፻ 10674	፻ 10684	፻ 10694	፻ 106A4	፻ 106B4
5	፻ 10605	፻ 10615	፻ 10625	፽ 10635	፻ 10645	፻ 10655	፻ 10665	፻ 10675	፻ 10685	፻ 10695	፻ 106A5	፻ 106B5
6	፻ 10606	፻ 10616	፻ 10626	፽ 10636	፻ 10646	፻ 10656	፻ 10666	፻ 10676	፻ 10686	፻ 10696	፻ 106A6	፻ 106B6
7	፻ 10607	፻ 10617	፻ 10627	፽ 10637	፻ 10647	፻ 10657	፻ 10667	፻ 10677	፻ 10687	፻ 10697	፻ 106A7	፻ 106B7
8	፻ 10608	፻ 10618	፻ 10628	፽ 10638	፻ 10648	↑ 10658	፻ 10668	፻ 10678	፻ 10688	፻ 10698	፻ 106A8	፻ 106B8
9	፻ 10609	፻ 10619	፻ 10629	፽ 10639	፻ 10649	፻ 10659	中 10669	♀ 10679	፻ 10689	፻ 10699	፻ 106A9	፻ 106B9
A	፻ 1060A	፻ 1061A	፻ 1062A	፽ 1063A	፻ 1064A	፻ 1065A	፻ 1066A	፻ 1067A	፻ 1068A	፻ 1069A	፻ 106AA	፻ 106BA
B	፻ 1060B	፻ 1061B	፻ 1062B	፽ 1063B	፻ 1064B	፻ 1065B	፻ 1066B	፻ 1067B	፻ 1068B	፻ 1069B	፻ 106AB	፻ 106BB
C	፻ 1060C	፻ 1061C	፻ 1062C	፽ 1063C	፻ 1064C	፻ 1065C	፻ 1066C	፻ 1067C	፻ 1068C	፻ 1069C	፻ 106AC	፻ 106BC
D	♀ 1060D	** 1061D	፻ 1062D	፽ 1063D	፻ 1064D	○ 1065D	፻ 1066D	፻ 1067D	፻ 1068D	፻ 1069D	፻ 106AD	፻ 106BD
E	↑ 1060E	Y 1061E	፻ 1062E	⊕ 1063E	፻ 1064E	፻ 1065E	፻ 1066E	፻ 1067E	፻ 1068E	፻ 1069E	፻ 106AE	፻ 106BE
F	፻ 1060F	C 1061F	H 1062F	⦿ 1063F	፻ 1064F	○ 1065F	፻ 1066F	፻ 1067F	፻ 1068F	፻ 1069F	፻ 106AF	፻ 106BF

106C0

Linear A

1077F

	106C	106D	106E	106F	1070	1071	1072	1073	1074	1075	1076	1077	
0													
1													
2													
3													
4													
5													
6													
7													
8													
9													
A													
B													
C													
D													
E													
F													

## Simple signs

10600	ㅏ	LINEAR A SIGN AB001
10601	ㅓ	LINEAR A SIGN AB002
10602	ㅗ	LINEAR A SIGN AB003
10603	ㅕ	LINEAR A SIGN AB004
10604	ㅜ	LINEAR A SIGN AB005
10605	ㅡ	LINEAR A SIGN AB006
10606	ㅣ	LINEAR A SIGN AB007
10607	ㅐ	LINEAR A SIGN AB008
10608	ㅔ	LINEAR A SIGN AB009
10609	ㅖ	LINEAR A SIGN AB010
1060A	ㅒ	LINEAR A SIGN AB011
1060B	ㅖ	LINEAR A SIGN AB013
1060C	ㅗ	LINEAR A SIGN AB016
1060D	ㅓ	LINEAR A SIGN AB017
1060E	ㅏ	LINEAR A SIGN AB020
1060F	ㅓ	LINEAR A SIGN AB021
	• sheep	
		→ 10025 ㅜ linear b syllable b021 qi
10610	ㅓ	LINEAR A SIGN AB021F
	• ewe	
		→ 10086 ㅍ linear b ideogram b106f
10611	🐏	LINEAR A SIGN AB021M
	• ram	
		→ 10087 ㅍ linear b ideogram b106m
10612	ߣ	LINEAR A SIGN AB022
	• goat	
		→ 10052 ߱ linear b symbol b022
10613	ߣ	LINEAR A SIGN AB022F
	• she-goat	
		→ 10088 ߱ linear b ideogram b107f
10614	߱	LINEAR A SIGN AB022M
	• he-goat	
		→ 10089 ߱ linear b ideogram b107m
10615	ܵ	LINEAR A SIGN AB023
	• bovine	
		→ 10018 ܵ linear b syllable b023 mu
10616	ܶ	LINEAR A SIGN AB023M
	• bull	
		→ 1008D ܶ linear b ideogram b109d
10617	ܰ	LINEAR A SIGN AB024
10618	ܲ	LINEAR A SIGN AB026
10619	ܴ	LINEAR A SIGN AB027
1061A	ܵ	LINEAR A SIGN AB028
1061B	ܶ	LINEAR A SIGN A028B
1061C	ܷ	LINEAR A SIGN AB029
1061D	ܸ	LINEAR A SIGN AB030
	• figs	
		→ 1001B ܸ linear b syllable b030 ni
1061E	ܺ	LINEAR A SIGN AB031
1061F	ܻ	LINEAR A SIGN AB034
10620	ܼ	LINEAR A SIGN AB037
10621	ܾ	LINEAR A SIGN AB038
10622	ܹ	LINEAR A SIGN AB039
10623	ܻ	LINEAR A SIGN AB040
10624	ܻ	LINEAR A SIGN AB041
10625	ܻ	LINEAR A SIGN AB044
10626	ܻ	LINEAR A SIGN AB045
10627	ܻ	LINEAR A SIGN AB046
10628	ܻ	LINEAR A SIGN AB047
10629	ܻ	LINEAR A SIGN AB048
		→ 10045 ܻ linear b syllable b048

1062A		LINEAR A SIGN AB049
1062B		LINEAR A SIGN AB050
1062C		LINEAR A SIGN AB051
1062D		LINEAR A SIGN AB053
1062E		LINEAR A SIGN AB054
	• cloth	
	→ 100A7	linear b ideogram b159 cloth
1062F		LINEAR A SIGN AB055
10630		LINEAR A SIGN AB056
10631		LINEAR A SIGN AB057
10632		LINEAR A SIGN AB058
10633		LINEAR A SIGN AB059
10634		LINEAR A SIGN AB060
10635		LINEAR A SIGN AB061
10636		LINEAR A SIGN AB065
10637		LINEAR A SIGN AB066
10638		LINEAR A SIGN AB067
10639		LINEAR A SIGN AB069
1063A		LINEAR A SIGN AB070
1063B		LINEAR A SIGN AB073
1063C		LINEAR A SIGN AB074
1063D		LINEAR A SIGN AB076
1063E		LINEAR A SIGN AB077
1063F		LINEAR A SIGN AB078
10640		LINEAR A SIGN AB079
10641		LINEAR A SIGN AB080
10642		LINEAR A SIGN AB081
10643		LINEAR A SIGN AB082
10644		LINEAR A SIGN AB085
	• pig	
	→ 10042	linear b syllable b085 au
10645		LINEAR A SIGN AB086
10646		LINEAR A SIGN AB087
10647		LINEAR A SIGN A100-102
	• man or woman	
	→ 10080	linear b ideogram b100 man
	→ 10081	linear b ideogram b102 woman
10648		LINEAR A SIGN AB118
10649		LINEAR A SIGN AB120
	• grain	
	→ 1008E	linear b ideogram b120 wheat
1064A		LINEAR A SIGN A120B
	• grain	
1064B		LINEAR A SIGN AB122
	• olives	
	→ 10090	linear b ideogram b122 olive
1064C		LINEAR A SIGN AB123
1064D		LINEAR A SIGN AB131A
	• wine	
	→ 10096	linear b ideogram b131 wine
1064E		LINEAR A SIGN AB131B
	• wine	
1064F		LINEAR A SIGN A131C
	• wine	
10650		LINEAR A SIGN AB164
10651		LINEAR A SIGN AB171
10652		LINEAR A SIGN AB180
10653		LINEAR A SIGN AB188
10654		LINEAR A SIGN AB191
10655		LINEAR A SIGN A301

10656

## Linear A

106B8

10656		LINEAR A SIGN A302
	• olive oil	
	→ 10095	linear b ideogram b130 oil
10657		LINEAR A SIGN A303
	• cyperus	
	→ 10092	linear b ideogram b125 cyperus
10658		LINEAR A SIGN A304
10659		LINEAR A SIGN A305
1065A		LINEAR A SIGN A306
1065B		LINEAR A SIGN A307
1065C		LINEAR A SIGN A308
1065D		LINEAR A SIGN A309A
1065E		LINEAR A SIGN A309B
1065F		LINEAR A SIGN A309C
10660		LINEAR A SIGN A310
10661		LINEAR A SIGN A311
	• used with 10655	linear a sign a301
10662		LINEAR A SIGN A312
10663		LINEAR A SIGN A313A
	• used with 10647	linear a sign a100-102
10664		→ LINEAR A SIGN A313B
	• used with 10647	linear a sign a100-102
10665		→ LINEAR A SIGN A313C
	• used with 10647	linear a sign a100-102
10666		LINEAR A SIGN A314
10667		LINEAR A SIGN A315
10668		LINEAR A SIGN A316
10669		LINEAR A SIGN A317
1066A		LINEAR A SIGN A318
1066B		LINEAR A SIGN A319
1066C		LINEAR A SIGN A320
1066D		LINEAR A SIGN A321
1066E		LINEAR A SIGN A322
1066F		LINEAR A SIGN A323
10670		LINEAR A SIGN A324
10671		LINEAR A SIGN A325
10672		LINEAR A SIGN A326
10673		LINEAR A SIGN A327
10674		LINEAR A SIGN A328
10675		LINEAR A SIGN A329
10676		→ LINEAR A SIGN A330
	• used with 10600	linear a sign ab001
	and 1061E	linear a sign ab031
10677		LINEAR A SIGN A331
10678		LINEAR A SIGN A332
10679		LINEAR A SIGN A333
1067A		LINEAR A SIGN A334
1067B		LINEAR A SIGN A335
1067C		LINEAR A SIGN A336
1067D		LINEAR A SIGN A337
	• used with 10653	linear a sign ab188
1067E		LINEAR A SIGN A338
1067F		LINEAR A SIGN A339
10680		LINEAR A SIGN A340
10681		LINEAR A SIGN A341
	• used with 10622	linear a sign ab039
10682		LINEAR A SIGN A342
10683		LINEAR A SIGN A343
10684		LINEAR A SIGN A344
10685		LINEAR A SIGN A345
10686		LINEAR A SIGN A346
10687		LINEAR A SIGN A347

10688		LINEAR A SIGN A348
	• used with 10657	linear a sign a303
10689		LINEAR A SIGN A349
1068A		LINEAR A SIGN A350
1068B		LINEAR A SIGN A351
	• used with 10655	linear a sign a301
1068C		LINEAR A SIGN A352
1068D		LINEAR A SIGN A353
1068E		LINEAR A SIGN A354
1068F		Y LINEAR A SIGN A355
10690		LINEAR A SIGN A356
10691		LINEAR A SIGN A357
10692		LINEAR A SIGN A358
10693		LINEAR A SIGN A359
10694		LINEAR A SIGN A360
10695		Y LINEAR A SIGN A361
10696		LINEAR A SIGN A362
10697		LINEAR A SIGN A363
10698		LINEAR A SIGN A364
10699		↑ LINEAR A SIGN A365
1069A		LINEAR A SIGN A366
1069B		LINEAR A SIGN A367
1069C		LINEAR A SIGN A368
1069D		LINEAR A SIGN A369
1069E		LINEAR A SIGN A370
1069F		LINEAR A SIGN A371

**Vase shapes**

106A0		LINEAR A SIGN A400-VAS
106A1		LINEAR A SIGN A401-VAS
106A2		LINEAR A SIGN A402-VAS
106A3		LINEAR A SIGN A403-VAS
106A4		LINEAR A SIGN A404-VAS
106A5		LINEAR A SIGN A405-VAS
106A6		LINEAR A SIGN A406-VAS
106A7		LINEAR A SIGN A407-VAS
106A8		LINEAR A SIGN A408-VAS
106A9		LINEAR A SIGN A409-VAS
106AA		LINEAR A SIGN A410-VAS
106AB		LINEAR A SIGN A411-VAS
106AC		LINEAR A SIGN A412-VAS
106AD		LINEAR A SIGN A413-VAS
106AE		LINEAR A SIGN A414-VAS
106AF		LINEAR A SIGN A415-VAS
106B0		LINEAR A SIGN A416-VAS
106B1		LINEAR A SIGN A417-VAS
106B2		LINEAR A SIGN A418-VAS

**Complex signs**

106B3		LINEAR A SIGN A501
	• 10600	ab001, 10601
106B4		LINEAR A SIGN A502
	• 10600	ab001, 10619
		ab009, 10608
106B5		LINEAR A SIGN A503
	• 10600	ab001, 10655
106B6		LINEAR A SIGN A504
	• 10601	ab002, 10601
106B7		LINEAR A SIGN A505
	• 10603	ab004, 10601
106B8		LINEAR A SIGN A506
	• 10606	ab007, 1063F

106B9

Linear A

106F2

106B9		LINEAR A SIGN A508
	• 1060C	ab016, 10619
106BA		ab027
	• 1060C	ab016, 10619
		ab027, 1062B
106BB		ab050
	• 1060C	ab016, 1062B
106BC		ab050
	• 1060C	ab016, 1062B
		ab050, 10619
106BD		ab027
	• 1060F	ab021, 10624
106BE		ab041
	• 10614	ab022m, 10642
106BF		ab081
	• 10619	ab027, 10608
106C0		ab009
	• 1061A	ab028
106C1		linear a sign ab028
	• 1061A	ab028, 10655
106C2		a301
	• 1061E	ab031, 10615
		ab023, 10642
106C3		ab081
	• 10620	ab037, 10607
106C4		ab008
	• 10620	ab037, 106AC
106C5		a412-vas
	• 10621	linear a sign ab038
106C6		ab038
	• 10621	ab038, 1063E
106C7		⊕ ab077
	• 10623	ab040, 1063C
106C8		ab074
	• 10624	ab041, 10606
106C9		ab007
	• 10624	ab041, 10608
106CA		ab009
	• 10624	ab041, 1060B
106CB		ab013
	• 10624	ab041, 1060B
		ab013, 10638
106CC		ab067
	• 10624	ab041, 10637
106CD		ab066
	• 10624	ab041, 10637
	→ 1062C	linear a sign ab051
106CE		ab081
	• 1062E	ab054, 10642
106CF		ab081
	• 1062E	ab054, 10662
106D0		a312
	• 10630	ab056, 1063F
106D1		⊕ ab078
	• 10631	ab057, 10618
106D2		ab026
	• 10631	ab057, 1063E
106D3		⊕ ab077
	• 10632	ab058, 1063B
106D4		ab073
	• 10634	ab060, 1063E
106D5		⊕ ab077
	• 10636	ab065, 10669
		ab021f a317, 1063F
		⊕ ab078

106D6		ab023
106D7		ab002
106D8		ab057
106D9		ab057
106DA		ab026
106DB		ab028
106DC		ab077
106DD		a301
106DE		ab008
106DF		ab003
106E0		ab080
106E1		ab008
106E2		ab026
106E3		ab080
106E4		ab081
106E5		ab188
106E6		ab188
106E7		ab077
106E8		a307
106E9		a313a
106EA		a313b
106EB		a313c
106EC		ab001
106ED		ab003
106EE		ab021f
106EF		ab022m
106F0		ab056
106F1		ab078
106F2		ab081

106F3

- 106F3 LINEAR A SIGN A580  
• 10649 ab120, 10741 a702 b
- 106F4 LINEAR A SIGN A581  
• 10649 ab120, 10743 a704 e
- 106F5 LINEAR A SIGN A582  
• 10649 ab120, 10744 a705 f
- 106F6 LINEAR A SIGN A583  
• 10649 ab120, 10745 a706 h
- 106F7 LINEAR A SIGN A584  
• 10649 ab120, 10747 a708 k, 10749 a709-2 l2
- 106F8 LINEAR A SIGN A585  
• 10649 ab120, 10749 a709-2 l2
- 106F9 LINEAR A SIGN A586  
• 10649 ab120, 1074A a709-3 l3, 1074A a709-3 l3
- 106FA LINEAR A SIGN A587  
• 1064B ab122, 10639 ab069
- 106FB LINEAR A SIGN A588  
• 1064D ab131a, 10603 ab004
- 106FC LINEAR A SIGN A589  
• 1064D ab131a, 1061E ab031
- 106FD LINEAR A SIGN A591  
• 1064D ab131a, 1062E ab054
- 106FE LINEAR A SIGN A592  
• 1064D ab131a, 1062E ab054
- 106FF LINEAR A SIGN A594  
• 1064D ab131a, 10634 ab060
- 10700 LINEAR A SIGN A595  
• 1064D ab131a, 10634 ab060
- 10701 LINEAR A SIGN A596  
• 1064D ab131a, 1063E ab077
- 10702 LINEAR A SIGN A598  
• 1064D ab131b, 10623 ab040
- 10703 LINEAR A SIGN A600  
• 10762 a802, 10741 a702 b
- 10704 LINEAR A SIGN A601  
• 10762 a802, 10748 a709 l
- 10705 LINEAR A SIGN A602  
• 10652 ab180, 10741 a702 b
- 10706 LINEAR A SIGN A603  
• 10652 ab180, 10748 a709 l
- 10707 LINEAR A SIGN A604  
• 10653 ab188, 10642 ab081
- 10708 LINEAR A SIGN A606  
• 10655 a301, 10661 a311
- 10709 LINEAR A SIGN A608  
• 10656 a302, 10606 ab007
- 1070A LINEAR A SIGN A609  
• 10656 a302, 10607 ab008
- 1070B LINEAR A SIGN A610  
• 10656 a302, 10609 ab010
- 1070C LINEAR A SIGN A611  
• 10656 a302, 10610 ab021f
- 1070D LINEAR A SIGN A612  
• 10656 a302, 10617 ab024
- 1070E LINEAR A SIGN A613  
• 10656 a302, 10621 ab038
- 1070F LINEAR A SIGN A614  
• 10656 a302, 1062D ab053
- 10710 LINEAR A SIGN A615  
• 10656 a302, 10633 ab059

Linear A

1072D

- 10711 LINEAR A SIGN A616  
• 10656 a302, 10634 ab060
- 10712 LINEAR A SIGN A617  
• 10656 a302, 10638 ab067
- 10713 LINEAR A SIGN A618  
• 10656 a302, 10638 ab067
- 10714 LINEAR A SIGN A619  
• 10656 a302, 10638 ab067, 10609 ab010
- 10715 LINEAR A SIGN A620  
• 10656 a302, 10638 ab067, 1060B ab013
- 10716 LINEAR A SIGN A621  
• 10656 a302, 10639 ab069
- 10717 LINEAR A SIGN A622  
• 10656 a302, 1063B ab073
- 10718 LINEAR A SIGN A623  
• 10656 a302, 1063F ab078, 10606 ab007
- 10719 LINEAR A SIGN A624  
• 10657 a303, 10742 a703 d
- 1071A LINEAR A SIGN A626  
• 10657 a303, 10743 a704 e
- 1071B LINEAR A SIGN A627  
• 10657 a303, 10747 a708 k
- 1071C LINEAR A SIGN A628  
→ 10658 linear a sign a304
- 1071D LINEAR A SIGN A629  
• 10658 a304, 10602 ab003
- 1071E LINEAR A SIGN A634  
• 1065A a306, 1063B ab073
- 1071F LINEAR A SIGN A637  
• 1065B a307, 10655 a301
- 10720 LINEAR A SIGN A638  
• 1065B a307, 1065B a307
- 10721 LINEAR A SIGN A640  
• 10668 a316, 10638 ab067
- 10722 LINEAR A SIGN A642  
→ 1066A linear a sign a318
- 10723 LINEAR A SIGN A643  
• 10676 a330, 10600 ab001
- 10724 LINEAR A SIGN A644  
• 10676 a330, 1061E ab031
- 10725 LINEAR A SIGN A645  
• 1067D a337, 10653 ab188
- 10726 LINEAR A SIGN A646  
• 10681 a341, 10622 ab039
- Complex signs with vase shapes**
- 10727 LINEAR A SIGN A648  
• 106A0 a400-vas, 1062D ab053
- 10728 LINEAR A SIGN A649  
→ 106A1 a401-vas, linear a sign a401-vas
- 10729 LINEAR A SIGN A651  
• 106A1 a401-vas, 10618 ab026
- 1072A LINEAR A SIGN A652  
• 106A1 a401-vas, 10634 ab060
- 1072B LINEAR A SIGN A653  
• 106A1 a401-vas, 10658 a304
- 1072C LINEAR A SIGN A654  
• 106A4 a404-vas, 10607 ab008
- 1072D LINEAR A SIGN A655  
• 106A5 a405-vas, 10750 a713 omega

- 1072E ⌈ LINEAR A SIGN A656  
• 106A6 ⌈ a406-vas, 10625 ✪ ab044
- 1072F ⌉ LINEAR A SIGN A657  
• 106A7 ⌉ a407-vas, 10607 ⌊ ab008
- 10730 ⌈ LINEAR A SIGN A658  
• 106AC ⌈ a412-vas, 10743 ⌈ a704 e
- 10731 ⌈ LINEAR A SIGN A659  
• 106AC ⌈ a412-vas, 10744 ⌈ a705 f
- 10732 ⌉ LINEAR A SIGN A660  
• 106AD ⌉ a413-vas, 10632 ⌉ ab058
- 10733 ⌈ LINEAR A SIGN A661  
→ 106AE ⌈ linear a sign a414-vas
- 10734 ⌈ LINEAR A SIGN A662  
• 106AE ⌈ a414-vas, 10744 ⌈ a705 f
- 10735 ⌉ LINEAR A SIGN A663  
• 106B1 ⌉ a417-vas, 10749 ⌉ a709-2 l2
- 10736 ⌈ LINEAR A SIGN A664  
• 106B2 ⌈ a418-vas, 10749 ⌉ a709-2 l2

**Fractions and compound fractions**

- 10740 ⌋ LINEAR A SIGN A701 A  
• possibly one sixth (value uncertain)  
→ 29E7 ⌋ thermodynamic
- 10741 ⌋ LINEAR A SIGN A702 B  
• one third
- 10742 ⌋ LINEAR A SIGN A703 D  
• one fifth
- 10743 ⌋ LINEAR A SIGN A704 E  
• one quarter
- 10744 ⌋ LINEAR A SIGN A705 F  
• one eighth
- 10745 ⌋ LINEAR A SIGN A706 H  
• possibly one sixth (value uncertain)
- 10746 ⌋ LINEAR A SIGN A707 J  
• one half
- 10747 ⌋ LINEAR A SIGN A708 K  
• one sixteenth  
→ 1013C ⌋ aegean dry measure first subunit
- 10748 ⌉ LINEAR A SIGN A709 L
- 10749 ⌉ LINEAR A SIGN A709-2 L2
- 1074A ⌉ LINEAR A SIGN A709-3 L3
- 1074B ⌉ LINEAR A SIGN A709-4 L4
- 1074C ⌉ LINEAR A SIGN A709-6 L6  
• used with 10655 ⌋ linear a sign a301
- 1074D ⌋ LINEAR A SIGN A710 W
- 1074E ⌋ LINEAR A SIGN A711 X  
→ 10139 ⌋ aegean weight second subunit
- 1074F ⌋ LINEAR A SIGN A712 Y  
→ 16B9 ⌋ runic letter wunjo wynn w
- 10750 ⌋ LINEAR A SIGN A713 OMEGA  
• used with 106A5 ⌈ linear a sign a405-vas
- 10751 ⌋ LINEAR A SIGN A714 ABB
- 10752 ⌋ LINEAR A SIGN A715 BB
- 10753 ⌋ LINEAR A SIGN A717 DD
- 10754 ⌋ LINEAR A SIGN A726 EYYY
- 10755 ⌋ LINEAR A SIGN A732 JE  
• three quarters

**Additional signs**

- 10760 ⌋ LINEAR A SIGN A800  
• 10603 ⌋ ab004, 10607 ⌊ ab008
- 10761 ⌋ LINEAR A SIGN A801  
• 1062E ⌋ ab054, 10608 ⌋ ab009

- 10762 ⌋ LINEAR A SIGN A802  
→ 10634 ⌋ linear a sign ab060
- 10763 ⌋ LINEAR A SIGN A803  
• 1064D ⌋ ab131a, 10762 ⌋ a802
- 10764 ⌋ LINEAR A SIGN A804  
• 10652 ⌋ ab180, 1061E ⌋ ab031
- 10765 ⌋ LINEAR A SIGN A805  
→ 10655 ⌋ linear a sign a301
- 10766 ⌋ LINEAR A SIGN A806  
• 10668 ⌋ a316, 10601 + ab002
- 10767 ⌋ LINEAR A SIGN A807  
• 10668 ⌋ a316, 10742 ⌈ a703 d

	1080	1081	1082	1083
0	＊	߶	߷	߸
	10800	10810	10820	10830
1	＊	߹	߻	߻߻
	10801	10811	10821	10831
2	ܵ	ܶ	ܷ	ܸ
	10802	10812	10822	10832
3	߷	߻߻	߻߻	߷߷
	10803	10813	10823	10833
4	߻߻	ܸ	߻߻	ܸ
	10804	10814	10824	10834
5	߻߻	ܸ	߻߻	߻߻
	10805	10815	10825	10835
6		߻߻	߻߻	
	10816	10826		
7		߻߻	߻߻	
	10817	10827	߻߻	߻߻
8	߻߻	ܸ	߻߻	߻߻
	10808	10818	10828	10838
9		߻߻	߻߻	
	10819	10829		
A	߻߻	߻߻	߻߻	
	1080A	1081A	1082A	
B	߻߻	߻߻	߷߷	
	1080B	1081B	1082B	
C	߻߻	߻߻	߻߻	ܸ
	1080C	1081C	1082C	1083C
D	߻߻	߻߻	߻߻	
	1080D	1081D	1082D	
E	߻߻	߻߻	߻߻	
	1080E	1081E	1082E	
F	߻߻	߻߻	߻߻	
	1080F	1081F	1082F	1083F

**Syllables**

10800 \* CYPRIOT SYLLABLE A  
 10801 \* CYPRIOT SYLLABLE E  
 10802 \* CYPRIOT SYLLABLE I  
 10803 ፩ CYPRIOT SYLLABLE O  
 10804 ፪ CYPRIOT SYLLABLE U  
 10805 ፫ CYPRIOT SYLLABLE JA  
 10806 ፬ <reserved>  
 10807 ፭ <reserved>  
 10808 ፮ CYPRIOT SYLLABLE JO  
 10809 ፯ <reserved>  
 1080A ፱ CYPRIOT SYLLABLE KA  
 1080B ፲ CYPRIOT SYLLABLE KE  
 1080C ፳ CYPRIOT SYLLABLE KI  
 1080D ፴ CYPRIOT SYLLABLE KO  
 1080E ፵ CYPRIOT SYLLABLE KU  
 1080F ፶ CYPRIOT SYLLABLE LA  
 10810 ፷ CYPRIOT SYLLABLE LE  
 10811 ፸ CYPRIOT SYLLABLE LI  
 10812 ፹ CYPRIOT SYLLABLE LO  
 10813 ፺ CYPRIOT SYLLABLE LU  
 10814 ፻ CYPRIOT SYLLABLE MA  
 10815 ፼ CYPRIOT SYLLABLE ME  
 10816 ፽ CYPRIOT SYLLABLE MI  
 10817 ፾ CYPRIOT SYLLABLE MO  
 10818 ፿ CYPRIOT SYLLABLE MU  
 10819 ፻ CYPRIOT SYLLABLE NA  
 1081A ፻ CYPRIOT SYLLABLE NE  
 1081B ፻ CYPRIOT SYLLABLE NI  
 1081C ፻ CYPRIOT SYLLABLE NO  
 1081D ፻ CYPRIOT SYLLABLE NU  
 1081E ፻ CYPRIOT SYLLABLE PA  
 1081F ፻ CYPRIOT SYLLABLE PE  
 10820 ፻ CYPRIOT SYLLABLE PI  
 10821 ፻ CYPRIOT SYLLABLE PO  
 10822 ፻ CYPRIOT SYLLABLE PU  
 10823 ፻ CYPRIOT SYLLABLE RA  
 10824 ፻ CYPRIOT SYLLABLE RE  
 10825 ፻ CYPRIOT SYLLABLE RI  
 10826 ፻ CYPRIOT SYLLABLE RO  
 10827 ፻ CYPRIOT SYLLABLE RU  
 10828 ፻ CYPRIOT SYLLABLE SA  
 10829 ፻ CYPRIOT SYLLABLE SE  
 1082A ፻ CYPRIOT SYLLABLE SI  
 1082B ፻ CYPRIOT SYLLABLE SO  
 1082C ፻ CYPRIOT SYLLABLE SU  
 1082D ፻ CYPRIOT SYLLABLE TA  
 1082E ፻ CYPRIOT SYLLABLE TE  
 1082F ፻ CYPRIOT SYLLABLE TI  
 10830 ፻ CYPRIOT SYLLABLE TO  
 10831 ፻ CYPRIOT SYLLABLE TU  
 10832 ፻ CYPRIOT SYLLABLE WA  
 10833 ፻ CYPRIOT SYLLABLE WE  
 10834 ፻ CYPRIOT SYLLABLE WI  
 10835 ፻ CYPRIOT SYLLABLE WO  
 10836 ፬ <reserved>  
 10837 ፻ CYPRIOT SYLLABLE XA  
 10838 ፻ CYPRIOT SYLLABLE XE  
 10839 ፬ <reserved>  
 1083A ፬ <reserved>  
 1083B ፬ <reserved>

1083C ፻ CYPRIOT SYLLABLE ZA  
 1083D ፬ <reserved>  
 1083E ፬ <reserved>  
 1083F ፻ CYPRIOT SYLLABLE ZO

	1084	1085
0		
1		
2		
3		
4		
5		
6		
7		
8		
9		
A		
B		
C		
D		
E		
F		

**Letters**

- 10840 ⠠ IMPERIAL ARAMAIC LETTER ALEPH  
 10841 ⠡ IMPERIAL ARAMAIC LETTER BETH  
 10842 ⠢ IMPERIAL ARAMAIC LETTER GIMEL  
 10843 ⠤ IMPERIAL ARAMAIC LETTER DALETH  
 10844 ⠥ IMPERIAL ARAMAIC LETTER HE  
 10845 ⠦ IMPERIAL ARAMAIC LETTER WAW  
 10846 ⠨ IMPERIAL ARAMAIC LETTER ZAYIN  
 10847 ⠩ IMPERIAL ARAMAIC LETTER HETH  
 10848 ⠪ IMPERIAL ARAMAIC LETTER TETH  
 10849 ⠫ IMPERIAL ARAMAIC LETTER YODH  
 1084A ⠬ IMPERIAL ARAMAIC LETTER KAPH  
 1084B ⠭ IMPERIAL ARAMAIC LETTER LAMEDH  
 1084C ⠮ IMPERIAL ARAMAIC LETTER MEM  
 1084D ⠯ IMPERIAL ARAMAIC LETTER NUN  
 1084E ⠰ IMPERIAL ARAMAIC LETTER SAMEKH  
 1084F ⠱ IMPERIAL ARAMAIC LETTER AYIN  
 10850 ⠲ IMPERIAL ARAMAIC LETTER PE  
 10851 ⠳ IMPERIAL ARAMAIC LETTER SADHE  
 10852 ⠵ IMPERIAL ARAMAIC LETTER QOPH  
 10853 ⠷ IMPERIAL ARAMAIC LETTER RESH  
 10854 ⠸ IMPERIAL ARAMAIC LETTER SHIN  
 10855 ⠹ IMPERIAL ARAMAIC LETTER TAW

**Punctuation**

- 10857 ⠠ IMPERIAL ARAMAIC SECTION SIGN

**Numbers**

- 10858 ⠉ IMPERIAL ARAMAIC NUMBER ONE  
 10859 ⠊ IMPERIAL ARAMAIC NUMBER TWO  
 1085A ⠋ IMPERIAL ARAMAIC NUMBER THREE  
 1085B ⠌ IMPERIAL ARAMAIC NUMBER TEN  
 1085C ⠍ IMPERIAL ARAMAIC NUMBER TWENTY  
 1085D ⠎ IMPERIAL ARAMAIC NUMBER ONE HUNDRED  
 1085E ⠏ IMPERIAL ARAMAIC NUMBER ONE THOUSAND  
 1085F ⠏ IMPERIAL ARAMAIC NUMBER TEN THOUSAND

	1086	1087
0	፩	፪
	10860	10870
1	፫	፬
	10861	10871
2	፮	፯
	10862	10872
3	፻	፼
	10863	10873
4	፻	፻
	10864	10874
5	፻	፻
	10865	10875
6	፲	፳
	10866	10876
7	፴	፵
	10867	10877
8	፶	፷
	10868	10878
9	፹	፺
	10869	10879
A	፻	፻
	1086A	1087A
B	፻	፻
	1086B	1087B
C	፻	፻
	1086C	1087C
D	፻	፻
	1086D	1087D
E	፻	፻
	1086E	1087E
F	፻	፻
	1086F	1087F

**Letters**

- 10860 ፩ PALMYRENE LETTER ALEPH  
 10861 ፪ PALMYRENE LETTER BETH  
 10862 ፮ PALMYRENE LETTER GIMEL  
 10863 ፻ PALMYRENE LETTER DALETH  
 10864 ፾ PALMYRENE LETTER HE  
 10865 ፿ PALMYRENE LETTER WAW  
 10866 ፲ PALMYRENE LETTER ZAYIN  
 10867 ፷ PALMYRENE LETTER HETH  
 10868 ፶ PALMYRENE LETTER TETH  
 10869 ፸ PALMYRENE LETTER YODH  
 1086A ፹ PALMYRENE LETTER KAPH  
 1086B ፻ PALMYRENE LETTER LAMEDH  
 1086C ፻ PALMYRENE LETTER MEM  
 1086D ፻ PALMYRENE LETTER FINAL NUN  
 1086E ፻ PALMYRENE LETTER NUN  
 1086F ፻ PALMYRENE LETTER SAMEKH  
 10870 ፻ PALMYRENE LETTER AYIN  
 10871 ፻ PALMYRENE LETTER PE  
 10872 ፻ PALMYRENE LETTER SADHE  
 10873 ፻ PALMYRENE LETTER QOPH  
 10874 ፻ PALMYRENE LETTER RESH  
 10875 ፻ PALMYRENE LETTER SHIN  
 10876 ፻ PALMYRENE LETTER TAW

**Symbols**

- 10877 ፻ PALMYRENE LEFT-POINTING FLEURON  
 10878 ፻ PALMYRENE RIGHT-POINTING FLEURON

**Numbers**

- 10879 ፻ PALMYRENE NUMBER ONE  
 1087A ፻ PALMYRENE NUMBER TWO  
 1087B ፻ PALMYRENE NUMBER THREE  
 1087C ፻ PALMYRENE NUMBER FOUR  
 1087D ፻ PALMYRENE NUMBER FIVE  
 1087E ፻ PALMYRENE NUMBER TEN  
     • also used for hundreds  
 1087F ፻ PALMYRENE NUMBER TWENTY

	1088	1089	108A
0	𐡀	𐡁	
	10880	10890	
1	𐡃	𐡄	
	10881	10891	
2	𐡅	𐡆	
	10882	10892	
3	𐡇	𐡈	
	10883	10893	
4	𐡉	𐡊	
	10884	10894	
5	𐡋	𐡌	
	10885	10895	
6	𐡎	𐡏	
	10886	10896	
7	𐡐	𐡑	𐡒
	10887	10897	108A7
8	𐡓	𐡔	𐡕
	10888	10898	108A8
9	𐡖	𐡗	𐡘
	10889	10899	108A9
A	𐡙	𐡚	𐡛
	1088A	1089A	108AA
B	𐡛	𐡜	𐡝
	1088B	1089B	108AB
C	𐡞	𐡟	𐡠
	1088C	1089C	108AC
D	𐡢	𐡣	𐡤
	1088D	1089D	108AD
E	𐡥	𐡦	𐡧
	1088E	1089E	108AE
F	𐡨		𐡨
	1088F		108AF

**Letters**

- 10880 𐡀 NABATAEAN LETTER FINAL ALEPH  
 10881 𐡁 NABATAEAN LETTER ALEPH  
 10882 𐡂 NABATAEAN LETTER FINAL BETH  
 10883 𐡃 NABATAEAN LETTER BETH  
 10884 𐡄 NABATAEAN LETTER GIMEL  
 10885 𐡅 NABATAEAN LETTER DALETH  
 10886 𐡆 NABATAEAN LETTER FINAL HE  
 10887 𐡇 NABATAEAN LETTER HE  
 10888 𐡈 NABATAEAN LETTER WAW  
 10889 𐡉 NABATAEAN LETTER ZAYIN  
 1088A 𐡊 NABATAEAN LETTER HETH  
 1088B 𐡋 NABATAEAN LETTER TETH  
 1088C 𐡌 NABATAEAN LETTER FINAL YODH  
 1088D 𐡍 NABATAEAN LETTER YODH  
 1088E 𐡎 NABATAEAN LETTER FINAL KAPH  
 1088F 𐡏 NABATAEAN LETTER KAPH  
 10890 𐡐 NABATAEAN LETTER FINAL LAMEDH  
 10891 𐡑 NABATAEAN LETTER LAMEDH  
 10892 𐡓 NABATAEAN LETTER FINAL MEM  
 10893 𐡓 NABATAEAN LETTER MEM  
 10894 𐡔 NABATAEAN LETTER FINAL NUN  
 10895 𐡕 NABATAEAN LETTER NUN  
 10896 𐡖 NABATAEAN LETTER SAMEKH  
 10897 𐡗 NABATAEAN LETTER AYIN  
 10898 𐡘 NABATAEAN LETTER PE  
 10899 𐡙 NABATAEAN LETTER SADHE  
 1089A 𐡚 NABATAEAN LETTER QOPH  
 1089B 𐡛 NABATAEAN LETTER RESH  
 1089C 𐡝 NABATAEAN LETTER FINAL SHIN  
 1089D 𐡞 NABATAEAN LETTER SHIN  
 1089E 𐡟 NABATAEAN LETTER TAW

**Numbers**

- 108A7 𐡒 NABATAEAN NUMBER ONE  
 108A8 𐡕 NABATAEAN NUMBER TWO  
 108A9 𐡘 NABATAEAN NUMBER THREE  
 108AA 𐡛 NABATAEAN NUMBER FOUR  
 108AB 𐡝 NABATAEAN CRUCIFORM NUMBER FOUR  
 108AC 𐡞 NABATAEAN NUMBER FIVE  
 108AD 𐡟 NABATAEAN NUMBER TEN  
 108AE 𐡧 NABATAEAN NUMBER TWENTY  
 108AF 𐡨 NABATAEAN NUMBER ONE HUNDRED

	108E	108F
0	ג 108E0	ך 108F0
1	כ 108E1	נ 108F1
2	ל 108E2	ת 108F2
3	ת 108E3	
4	נ 108E4	ם 108F4
5	ׁ 108E5	ׂ 108F5
6	ׁ 108E6	
7	ׁ 108E7	
8	ׁ 108E8	
9	ׁ 108E9	
A	ׁ 108EA	
B	ׁ 108EB	ׁ 108FB
C	ׁ 108EC	ׁ 108FC
D	ׁ 108ED	ׁ 108FD
E	ׁ 108EE	ׁ 108FE
F	ׁ 108EF	ׁ 108FF

**Letters**

- 108E0 ג HATRAN LETTER ALEPH  
 108E1 כ HATRAN LETTER BETH  
 108E2 ל HATRAN LETTER GIMEL  
 108E3 ת HATRAN LETTER DALETH-RESH  
 108E4 נ HATRAN LETTER HE  
 108E5ׁ WAW  
 108E6ׁ ZAYN  
 108E7ׁ HETH  
 108E8ׁ TETH  
 108E9ׁ YODH  
 108EAׁ KAPH  
 108EBׁ LAMEDH  
 108ECׁ MEM  
 108EDׁ NUN  
 108EEׁ SAMEKH  
 108EFׁ AYN  
 108F0ׁ PE  
 108F1ׁ SADHE  
 108F2ׁ QOPH  
 108F3ׁ <reserved>  
 108F4ׁ SHIN  
 108F5ׁ TAW

**Numbers**

- 108FBׁ HATRAN NUMBER ONE  
 108FCׁ HATRAN NUMBER FIVE  
 108FDׁ HATRAN NUMBER TEN  
 108FEׁ HATRAN NUMBER TWENTY  
 108FFׁ HATRAN NUMBER ONE HUNDRED

	1090	1091
0		
1		
2		
3		
4		
5		
6		
7		
8		
9		
A		
B		
C		
D		
E		
F		

**Letters**

- 10900 ✕ PHOENICIAN LETTER ALF  
→ 05D0 ✕ hebrew letter alef
- 10901 ✄ PHOENICIAN LETTER BET  
→ 05D1 ✄ hebrew letter bet
- 10902 ✆ PHOENICIAN LETTER GAML  
→ 05D2 ✆ hebrew letter gimel
- 10903 ✅ PHOENICIAN LETTER DELT  
→ 05D3 ✅ hebrew letter dalet
- 10904 ✈ PHOENICIAN LETTER HE  
→ 05D4 ✈ hebrew letter he
- 10905 ✉ PHOENICIAN LETTER WAU  
→ 05D5 ✉ hebrew letter vav
- 10906 ✊ PHOENICIAN LETTER ZAI  
→ 05D6 ✊ hebrew letter zayin
- 10907 ✋ PHOENICIAN LETTER HET  
→ 05D7 ✋ hebrew letter het
- 10908 ✌ PHOENICIAN LETTER TET  
→ 05D8 ✌ hebrew letter tet
- 10909 ✍ PHOENICIAN LETTER YOD  
→ 05D9 ✍ hebrew letter yod
- 1090A ✏ PHOENICIAN LETTER KAF  
→ 05DB ✏ hebrew letter kaf
- 1090B ✏ PHOENICIAN LETTER LAMD  
→ 05DC ✏ hebrew letter lamed
- 1090C ✏ PHOENICIAN LETTER MEM  
→ 05DE ✏ hebrew letter mem
- 1090D ✏ PHOENICIAN LETTER NUN  
→ 05E0 ✏ hebrew letter nun
- 1090E ✏ PHOENICIAN LETTER SEMK  
→ 05E1 ✏ hebrew letter samekh
- 1090F ✏ PHOENICIAN LETTER AIN  
→ 05E2 ✏ hebrew letter ayin
- 10910 ✏ PHOENICIAN LETTER PE  
→ 05E4 ✏ hebrew letter pe
- 10911 ✏ PHOENICIAN LETTER SADE  
→ 05E6 ✏ hebrew letter tsadi
- 10912 ✏ PHOENICIAN LETTER QOF  
→ 05E7 ✏ hebrew letter qof
- 10913 ✏ PHOENICIAN LETTER ROSH  
→ 05E8 ✏ hebrew letter resh
- 10914 ✏ PHOENICIAN LETTER SHIN  
→ 05E9 ✏ hebrew letter shin
- 10915 ✏ PHOENICIAN LETTER TAU  
→ 05EA ✏ hebrew letter tav

**Numbers**

- 10916 / PHOENICIAN NUMBER ONE  
10917 - PHOENICIAN NUMBER TEN  
10918 > PHOENICIAN NUMBER TWENTY  
10919 ^ PHOENICIAN NUMBER ONE HUNDRED  
1091A // PHOENICIAN NUMBER TWO  
1091B /// PHOENICIAN NUMBER THREE

**Punctuation**

- 1091F · PHOENICIAN WORD SEPARATOR  
→ 002E · full stop  
→ 00B7 · middle dot  
→ 2E31 · word separator middle dot  
• sometimes shown with a glyph for a short vertical bar

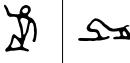
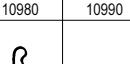
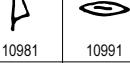
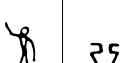
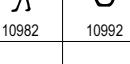
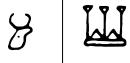
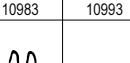
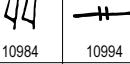
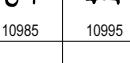
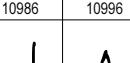
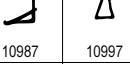
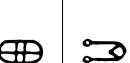
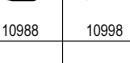
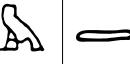
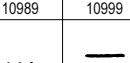
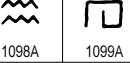
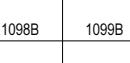
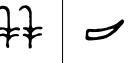
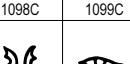
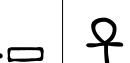
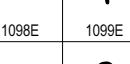
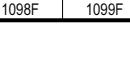
	1092	1093
0	Ⓐ 10920	Ȳ 10930
1	Ⓑ 10921	Ȧ 10931
2	ȷ 10922	Ȧ 10932
3	ȷ 10923	Ȧ 10933
4	Ȧ 10924	Ȧ 10934
5	Ȧ 10925	Ȧ 10935
6	Ȧ 10926	Ȧ 10936
7	Ȧ 10927	Ȧ 10937
8	Ȧ 10928	Ȧ 10938
9	Ȧ 10929	Ȧ 10939
A	Ȧ 1092A	
B	Ȧ 1092B	
C	Ȧ 1092C	
D	Ȧ 1092D	
E	Ȧ 1092E	
F	Ȧ 1092F	Ȧ 1093F

**Letters**

- 10920 Ⓐ LYDIAN LETTER A  
 10921 Ⓑ LYDIAN LETTER B  
 10922 Ⓒ LYDIAN LETTER G  
 10923 Ⓓ LYDIAN LETTER D  
 10924 Ⓔ LYDIAN LETTER E  
 10925 Ⓕ LYDIAN LETTER V  
 10926 Ⓖ LYDIAN LETTER I  
 10927 Ⓗ LYDIAN LETTER Y  
 10928 Ⓘ LYDIAN LETTER K  
 10929 Ⓙ LYDIAN LETTER L  
 1092A Ⓑ LYDIAN LETTER M  
 1092B Ⓒ LYDIAN LETTER N  
 1092C Ⓓ LYDIAN LETTER O  
 1092D Ⓔ LYDIAN LETTER R  
 1092E Ⓕ LYDIAN LETTER SS  
 1092F Ⓕ LYDIAN LETTER T  
 10930 Ⓕ LYDIAN LETTER U  
 10931 Ⓕ LYDIAN LETTER F  
 10932 Ⓕ LYDIAN LETTER Q  
 10933 Ⓕ LYDIAN LETTER S  
 10934 Ⓕ LYDIAN LETTER TT  
 10935 Ⓕ LYDIAN LETTER AN  
 10936 Ⓕ LYDIAN LETTER EN  
 10937 Ⓕ LYDIAN LETTER LY  
 10938 Ⓕ LYDIAN LETTER NN  
 10939 Ⓕ LYDIAN LETTER C

**Punctuation**

- 1093F Ⓛ LYDIAN TRIANGULAR MARK

	1098	1099
0		
1		
2		
3		
4		
5		
6		
7		
8		
9		
A		
B		
C		
D		
E		
F		

**Vowel letters**

- 10980 ⲁ MEROITIC HIEROGLYPHIC LETTER A  
   → 13000 ⲁ egyptian hieroglyph a001
- 10981 Ⲃ MEROITIC HIEROGLYPHIC LETTER E  
   → 13184 Ⲃ egyptian hieroglyph h006
- 10982 ⲃ MEROITIC HIEROGLYPHIC LETTER I  
   → 1301E ⲃ egyptian hieroglyph a026
- 10983 Ⲅ MEROITIC HIEROGLYPHIC LETTER O  
   → 130FE Ⲅ egyptian hieroglyph f001

**Consonant letters**

- 10984 ⲅ MEROITIC HIEROGLYPHIC LETTER YA  
   → 131CC ⲅ egyptian hieroglyph m017a
- 10985 Ⲇ MEROITIC HIEROGLYPHIC LETTER WA  
   → 1336F Ⲇ egyptian hieroglyph v004
- 10986 ⲇ MEROITIC HIEROGLYPHIC LETTER BA  
   → 130DE ⲇ egyptian hieroglyph e011
- 10987 Ⲉ MEROITIC HIEROGLYPHIC LETTER BA-2  
   → 130C0 Ⲉ egyptian hieroglyph d058
- 10988 ⲉ MEROITIC HIEROGLYPHIC LETTER PA  
   → 132AA ⲉ egyptian hieroglyph q003
- 10989 Ⲋ MEROITIC HIEROGLYPHIC LETTER MA  
   → 13153 Ⲋ egyptian hieroglyph g017
- 1098A ⲋ MEROITIC HIEROGLYPHIC LETTER NA  
   → 13216 ⲋ egyptian hieroglyph n035
- 1098B Ⲍ MEROITIC HIEROGLYPHIC LETTER NA-2
- 1098C ⲍ MEROITIC HIEROGLYPHIC LETTER NE  
   → 131D2 ⲍ egyptian hieroglyph m022a
- 1098D Ⲏ MEROITIC HIEROGLYPHIC LETTER NE-2
- 1098E ⲏ MEROITIC HIEROGLYPHIC LETTER RA  
   → 1308B ⲏ egyptian hieroglyph d021
- 1098F Ⲑ MEROITIC HIEROGLYPHIC LETTER RA-2
- 10990 ⲑ MEROITIC HIEROGLYPHIC LETTER LA  
   → 130ED ⲑ egyptian hieroglyph e023
- 10991 Ⲓ MEROITIC HIEROGLYPHIC LETTER KHA  
   → 1340D Ⲓ egyptian hieroglyph aa001
- 10992 ⲓ MEROITIC HIEROGLYPHIC LETTER HHA  
   → 133BC ⲓ egyptian hieroglyph w011
- 10993 Ⲕ MEROITIC HIEROGLYPHIC LETTER SA  
   → 131B7 Ⲕ egyptian hieroglyph m008
- 10994 ⲕ MEROITIC HIEROGLYPHIC LETTER SA-2  
   → 13283 ⲕ egyptian hieroglyph o034
- 10995 Ⲗ MEROITIC HIEROGLYPHIC LETTER SE  
   → 13283 Ⲗ egyptian hieroglyph o034
- 10996 ⲗ MEROITIC HIEROGLYPHIC LETTER KA  
   → 1316C ⲗ egyptian hieroglyph g038
- 10997 Ⲙ MEROITIC HIEROGLYPHIC LETTER QA  
   → 1320E Ⲙ egyptian hieroglyph n029
- 10998 ⲙ MEROITIC HIEROGLYPHIC LETTER TA  
   → 1337F ⲙ egyptian hieroglyph v013
- 10999 Ⲛ MEROITIC HIEROGLYPHIC LETTER TA-2  
   → 131FE Ⲛ egyptian hieroglyph n016
- 1099A ⲛ MEROITIC HIEROGLYPHIC LETTER TE  
   → 131FE ⲛ egyptian hieroglyph n016  
   → 13254 ⲛ egyptian hieroglyph o004
- 1099B Ⲝ MEROITIC HIEROGLYPHIC LETTER TE-2  
   → 13254 Ⲝ egyptian hieroglyph o004
- 1099C ⲝ MEROITIC HIEROGLYPHIC LETTER TO  
   → 13205 ⲝ egyptian hieroglyph n021
- 1099D Ⲟ MEROITIC HIEROGLYPHIC LETTER DA  
   → 1307B Ⲟ egyptian hieroglyph d006

**Symbols**

- 1099E ⲟ MEROITIC HIEROGLYPHIC SYMBOL VIDJ  
   → 2625 ⲟ ankh  
   → 132F9 ⲟ egyptian hieroglyph s034
- 1099F Ⲡ MEROITIC HIEROGLYPHIC SYMBOL VIDJ-2

	109A	109B	109C	109D	109E	109F
0						
1						
2						
3	/					
4	///					
5						
6						
7						
8						
9						
A						
B						
C						
D						
E						
F						

**Vowel letters**

109A0 ፩ MEROITIC CURSIVE LETTER A  
 109A1 ፪ MEROITIC CURSIVE LETTER E  
 109A2 ፫ MEROITIC CURSIVE LETTER I  
 109A3 ፬ MEROITIC CURSIVE LETTER O

**Consonant letters**

109A4 ፻ MEROITIC CURSIVE LETTER YA  
 109A5 ፻ MEROITIC CURSIVE LETTER WA  
 109A6 ፻ MEROITIC CURSIVE LETTER BA  
 109A7 ፻ MEROITIC CURSIVE LETTER PA  
 109A8 ፻ MEROITIC CURSIVE LETTER MA  
 109A9 ፻ MEROITIC CURSIVE LETTER NA  
 109AA ፻ MEROITIC CURSIVE LETTER NE  
 109AB ፻ MEROITIC CURSIVE LETTER RA  
 109AC ፻ MEROITIC CURSIVE LETTER LA  
 109AD ፻ MEROITIC CURSIVE LETTER KHA  
 109AE ፻ MEROITIC CURSIVE LETTER HHA  
 109AF ፻ MEROITIC CURSIVE LETTER SA  
 109B0 ፻ MEROITIC CURSIVE LETTER ARCHAIC SA  
 109B1 ፻ MEROITIC CURSIVE LETTER SE  
 109B2 ፻ MEROITIC CURSIVE LETTER KA  
 109B3 ፻ MEROITIC CURSIVE LETTER QA  
 109B4 ፻ MEROITIC CURSIVE LETTER TA  
 109B5 ፻ MEROITIC CURSIVE LETTER TE  
 109B6 ፻ MEROITIC CURSIVE LETTER TO  
 109B7 ፻ MEROITIC CURSIVE LETTER DA

**Fractions**

109BC ፻ MEROITIC CURSIVE FRACTION ELEVEN TWELFTHS  
 109BD ፻ MEROITIC CURSIVE FRACTION ONE HALF

**Logograms**

109BE ፻ MEROITIC CURSIVE LOGOGRAM RMT  
 109BF ፻ MEROITIC CURSIVE LOGOGRAM IMN

**Digits**

109C0 ፩ MEROITIC CURSIVE NUMBER ONE  
 109C1 ፪ MEROITIC CURSIVE NUMBER TWO  
 109C2 ፫ MEROITIC CURSIVE NUMBER THREE  
 109C3 ፬ MEROITIC CURSIVE NUMBER FOUR  
 109C4 ፭ MEROITIC CURSIVE NUMBER FIVE  
 109C5 ፮ MEROITIC CURSIVE NUMBER SIX  
 109C6 ፯ MEROITIC CURSIVE NUMBER SEVEN  
 109C7 ፰ MEROITIC CURSIVE NUMBER EIGHT  
 109C8 ፱ MEROITIC CURSIVE NUMBER NINE

**Tens**

109C9 ፻ MEROITIC CURSIVE NUMBER TEN  
 109CA ፻ MEROITIC CURSIVE NUMBER TWENTY  
 109CB ፻ MEROITIC CURSIVE NUMBER THIRTY  
 109CC ፻ MEROITIC CURSIVE NUMBER FORTY  
 109CD ፻ MEROITIC CURSIVE NUMBER FIFTY  
 109CE ፻ MEROITIC CURSIVE NUMBER SIXTY  
 109CF ፻ MEROITIC CURSIVE NUMBER SEVENTY

**Hundreds**

109D2 ፻ MEROITIC CURSIVE NUMBER ONE HUNDRED  
 109D3 ፻ MEROITIC CURSIVE NUMBER TWO HUNDRED  
 109D4 ፻ MEROITIC CURSIVE NUMBER THREE HUNDRED  
 109D5 ፻ MEROITIC CURSIVE NUMBER FOUR HUNDRED  
 109D6 ፻ MEROITIC CURSIVE NUMBER FIVE HUNDRED  
 109D7 ፻ MEROITIC CURSIVE NUMBER SIX HUNDRED  
 109D8 ፻ MEROITIC CURSIVE NUMBER SEVEN HUNDRED

109D9 ፻ MEROITIC CURSIVE NUMBER EIGHT HUNDRED  
 109DA ፻ MEROITIC CURSIVE NUMBER NINE HUNDRED

**Thousands**

109DB ፻ MEROITIC CURSIVE NUMBER ONE THOUSAND  
 109DC ፻ MEROITIC CURSIVE NUMBER TWO THOUSAND  
 109DD ፻ MEROITIC CURSIVE NUMBER THREE THOUSAND  
 109DE ፻ MEROITIC CURSIVE NUMBER FOUR THOUSAND  
 109DF ፻ MEROITIC CURSIVE NUMBER FIVE THOUSAND  
 109E0 ፻ MEROITIC CURSIVE NUMBER SIX THOUSAND  
 109E1 ፻ MEROITIC CURSIVE NUMBER SEVEN THOUSAND  
 109E2 ፻ MEROITIC CURSIVE NUMBER EIGHT THOUSAND  
 109E3 ፻ MEROITIC CURSIVE NUMBER NINE THOUSAND

**Ten thousands**

109E4 ፻ MEROITIC CURSIVE NUMBER TEN THOUSAND  
 109E5 ፻ MEROITIC CURSIVE NUMBER TWENTY THOUSAND  
 109E6 ፻ MEROITIC CURSIVE NUMBER THIRTY THOUSAND  
 109E7 ፻ MEROITIC CURSIVE NUMBER FORTY THOUSAND  
 109E8 ፻ MEROITIC CURSIVE NUMBER FIFTY THOUSAND  
 109E9 ፻ MEROITIC CURSIVE NUMBER SIXTY THOUSAND  
 109EA ፻ MEROITIC CURSIVE NUMBER SEVENTY THOUSAND  
 109EB ፻ MEROITIC CURSIVE NUMBER EIGHTY THOUSAND  
 109EC ፻ MEROITIC CURSIVE NUMBER NINETY THOUSAND

**Hundred thousands**

109ED ፻ MEROITIC CURSIVE NUMBER ONE HUNDRED THOUSAND  
 109EE ፻ MEROITIC CURSIVE NUMBER TWO HUNDRED THOUSAND  
 109EF ፻ MEROITIC CURSIVE NUMBER THREE HUNDRED THOUSAND  
 109F0 ፻ MEROITIC CURSIVE NUMBER FOUR HUNDRED THOUSAND  
 109F1 ፻ MEROITIC CURSIVE NUMBER FIVE HUNDRED THOUSAND  
 109F2 ፻ MEROITIC CURSIVE NUMBER SIX HUNDRED THOUSAND  
 109F3 ፻ MEROITIC CURSIVE NUMBER SEVEN HUNDRED THOUSAND  
 109F4 ፻ MEROITIC CURSIVE NUMBER EIGHT HUNDRED THOUSAND  
 109F5 ፻ MEROITIC CURSIVE NUMBER NINE HUNDRED THOUSAND

**Fractions**

109F6 ፻ MEROITIC CURSIVE FRACTION ONE TWELFTH  
 109F7 ፻ MEROITIC CURSIVE FRACTION TWO TWELFTHS  
 109F8 ፻ MEROITIC CURSIVE FRACTION THREE TWELFTHS  
 109F9 ፻ MEROITIC CURSIVE FRACTION FOUR TWELFTHS  
 109FA ፻ MEROITIC CURSIVE FRACTION FIVE TWELFTHS  
 109FB ፻ MEROITIC CURSIVE FRACTION SIX TWELFTHS  
 109FC ፻ MEROITIC CURSIVE FRACTION SEVEN TWELFTHS  
 109FD ፻ MEROITIC CURSIVE FRACTION EIGHT TWELFTHS  
 109FE ፻ MEROITIC CURSIVE FRACTION NINE TWELFTHS

109FF

Meroitic Cursive

109FF

109FF ፩፡ MEROITIC CURSIVE FRACTION TEN TWELFTHS

	10A0	10A1	10A2	10A3	10A4	10A5
0	፩ 10A00	፪ 10A10	፫ 10A20	፬ 10A30	፭ 10A40	፮ 10A50
1	፱ 10A01	፲ 10A11	፳ 10A21	፴ 10A31	፵ 10A41	፶ 10A51
2	፷ 10A02	፸ 10A12	፹ 10A22	፻ 10A32	፻ 10A42	፼ 10A52
3	፻ 10A03	፻ 10A13	፻ 10A23	፻ 10A33	፻ 10A43	፻ 10A53
4			፻ 10A24		፻ 10A44	፻ 10A54
5	፻ 10A05	፻ 10A15	፻ 10A25		፻ 10A45	፻ 10A55
6	፻ 10A06	፻ 10A16	፻ 10A26		፻ 10A46	፻ 10A56
7		፻ 10A17	፻ 10A27		፻ 10A47	፻ 10A57
8			፻ 10A28	፻ 10A38		፻ 10A58
9			፻ 10A19	፻ 10A29	፻ 10A39	
A			፻ 10A1A	፻ 10A2A	፻ 10A3A	
B			፻ 10A1B	፻ 10A2B		
C	፻ 10A0C	፻ 10A1C	፻ 10A2C			
D	፻ 10A0D	፻ 10A1D	፻ 10A2D			
E	፻ 10A0E	፻ 10A1E	፻ 10A2E			
F	፻ 10A0F	፻ 10A1F	፻ 10A2F	[፻] 10A3F		

10A00

## Kharoshthi

10A58

**Vowels**

- 10A00 ՞ KHAROSHTHI LETTER A  
 10A01 ՞ KHAROSHTHI VOWEL SIGN I  
 10A02 ՞ KHAROSHTHI VOWEL SIGN U  
 10A03 ՞ KHAROSHTHI VOWEL SIGN VOCALIC R  
 10A04 ՞ <reserved>  
 10A05 ՞ KHAROSHTHI VOWEL SIGN E  
 10A06 ՞ KHAROSHTHI VOWEL SIGN O

**Length mark**

- 10A0C ՞ KHAROSHTHI VOWEL LENGTH MARK

**Various signs**

- 10A0D ՞ KHAROSHTHI SIGN DOUBLE RING BELOW  
 10A0E ՞ KHAROSHTHI SIGN ANUSVARA  
 10A0F ՞ KHAROSHTHI SIGN VISARGA

**Consonants**

- 10A10 ؠ KHAROSHTHI LETTER KA  
 10A11 ؠ KHAROSHTHI LETTER KHA  
 10A12 ؠ KHAROSHTHI LETTER GA  
 10A13 ؠ KHAROSHTHI LETTER GHA  
 10A14 ՞ <reserved>  
 10A15 ؠ KHAROSHTHI LETTER CA  
 10A16 ؠ KHAROSHTHI LETTER CHA  
 10A17 ؠ KHAROSHTHI LETTER JA  
 10A18 ՞ <reserved>  
 10A19 ؠ KHAROSHTHI LETTER NYA  
 10A1A ؠ KHAROSHTHI LETTER TTA  
 10A1B ؠ KHAROSHTHI LETTER TTNA  
 10A1C ؠ KHAROSHTHI LETTER DDA  
 10A1D ؠ KHAROSHTHI LETTER DDNA  
 10A1E ؠ KHAROSHTHI LETTER NNA  
 10A1F ؠ KHAROSHTHI LETTER TA  
 10A20 ؠ KHAROSHTHI LETTER THA  
 10A21 ؠ KHAROSHTHI LETTER DA  
 10A22 ؠ KHAROSHTHI LETTER DHA  
 10A23 ؠ KHAROSHTHI LETTER NA  
 10A24 ؠ KHAROSHTHI LETTER PA  
 10A25 ؠ KHAROSHTHI LETTER PHA  
 10A26 ؠ KHAROSHTHI LETTER BA  
 10A27 ؠ KHAROSHTHI LETTER BHA  
 10A28 ؠ KHAROSHTHI LETTER MA  
 10A29 ؠ KHAROSHTHI LETTER YA  
 10A2A ؠ KHAROSHTHI LETTER RA  
 10A2B ؠ KHAROSHTHI LETTER LA  
 10A2C ؠ KHAROSHTHI LETTER VA  
 10A2D ؠ KHAROSHTHI LETTER SHA  
 10A2E ؠ KHAROSHTHI LETTER SSA  
 10A2F ؠ KHAROSHTHI LETTER SA  
 10A30 ؠ KHAROSHTHI LETTER ZA  
 10A31 ؠ KHAROSHTHI LETTER HA  
 10A32 ؠ KHAROSHTHI LETTER KKA  
 10A33 ؠ KHAROSHTHI LETTER TTNA

**Various signs**

- 10A38 ՞ KHAROSHTHI SIGN BAR ABOVE  
 10A39 ՞ KHAROSHTHI SIGN CAUDA  
 10A3A ՞ KHAROSHTHI SIGN DOT BELOW

**Virama**

- 10A3F ՞ KHAROSHTHI VIRAMA  
 = halant  
 • suppresses inherent vowel  
 • shape shown is arbitrary and is not visibly rendered

**Digits**

- 10A40 । KHAROSHTHI DIGIT ONE  
 10A41 ፩ KHAROSHTHI DIGIT TWO  
 10A42 ፪ KHAROSHTHI DIGIT THREE  
 10A43 ፫ KHAROSHTHI DIGIT FOUR

**Numbers**

- 10A44 ፯ KHAROSHTHI NUMBER TEN  
 10A45 ፱ KHAROSHTHI NUMBER TWENTY  
 10A46 ፳ KHAROSHTHI NUMBER ONE HUNDRED  
 10A47 ፴ KHAROSHTHI NUMBER ONE THOUSAND

**Punctuation**

- 10A50 ۔ KHAROSHTHI PUNCTUATION DOT  
 10A51 ០ KHAROSHTHI PUNCTUATION SMALL CIRCLE  
 10A52 ៦ KHAROSHTHI PUNCTUATION CIRCLE  
 10A53 ៧ KHAROSHTHI PUNCTUATION CRESCENT BAR  
 10A54 ៨ KHAROSHTHI PUNCTUATION MANGALAM  
 10A55 ៩ KHAROSHTHI PUNCTUATION LOTUS  
 10A56 । KHAROSHTHI PUNCTUATION DANDA  
 10A57 ॥ KHAROSHTHI PUNCTUATION DOUBLE DANDA  
 10A58 ៈ KHAROSHTHI PUNCTUATION LINES

	10A6	10A7
0	𠂔	❖
	10A60	10A70
1	߱	߲
	10A61	10A71
2	ߴ	ߵ
	10A62	10A72
3	߶	߷
	10A63	10A73
4	߸	߹
	10A64	10A74
5	ߺ	߻
	10A65	10A75
6	߻	߻
	10A66	10A76
7	߻	߻
	10A67	10A77
8	߻	߻
	10A68	10A78
9	߻	߻
	10A69	10A79
A	߻	߻
	10A6A	10A7A
B	߻	߻
	10A6B	10A7B
C	߻	߻
	10A6C	10A7C
D	߻	߻
	10A6D	10A7D
E	߻	߻
	10A6E	10A7E
F	߻	߻
	10A6F	10A7F

10A60

## Old South Arabian

10A7F

**Letters**

*Letter names are based on North-West Semitic. Arabic names are given as aliases, along with Latin transliterations. The historically-related Ethiopic letters are also shown.*

10A60	ሃ	OLD SOUTH ARABIAN LETTER HE	= heh	• transliterated as h	→ 1200 ቁ ethiopic syllable ha
10A61	፩	OLD SOUTH ARABIAN LETTER LAMEDH	= lam	• transliterated as l	→ 1208 ል ethiopic syllable la
10A62	፪	OLD SOUTH ARABIAN LETTER HETH	= hah	• transliterated as 1E25 ካ	→ 1210 ክ ethiopic syllable hha
10A63	፫	OLD SOUTH ARABIAN LETTER MEM	= meem	• transliterated as m	→ 1218 መ ethiopic syllable ma
10A64	፬	OLD SOUTH ARABIAN LETTER QOPH	= qaf	• transliterated as q	→ 1240 ዞ ethiopic syllable qa
10A65	፭	OLD SOUTH ARABIAN LETTER WAW	= waw	• transliterated as w	→ 12C8 ዠ ethiopic syllable wa
10A66	፮	OLD SOUTH ARABIAN LETTER SHIN	= sheen	• transliterated as 0161 ሂ or s2	→ 1220 ሂ ethiopic syllable sza
10A67	፯	OLD SOUTH ARABIAN LETTER RESH	= reh	• transliterated as r	→ 1228 ሂ ethiopic syllable ra
10A68	፱	OLD SOUTH ARABIAN LETTER BETH	= beh	• transliterated as b	→ 1260 ቁ ethiopic syllable ba
10A69	፲	OLD SOUTH ARABIAN LETTER TAW	= teh	• transliterated as t	→ 1270 ቁ ethiopic syllable ta
10A6A	፳	OLD SOUTH ARABIAN LETTER SAT	• transliterated as s or s1	→ 1230 ቁ ethiopic syllable sa	
10A6B	፴	OLD SOUTH ARABIAN LETTER KAPH	= kaf	• transliterated as k	→ 12A8 ካ ethiopic syllable ka
10A6C	፵	OLD SOUTH ARABIAN LETTER NUN	= noon	• transliterated as n	→ 1290 ቁ ethiopic syllable na
10A6D	፶	OLD SOUTH ARABIAN LETTER KHETH	= khah	• transliterated as 1E2B ካ	→ 1280 ካ ethiopic syllable xa
10A6E	፷	OLD SOUTH ARABIAN LETTER SADHE	= sad	• transliterated as 1E63 ሂ	→ 1338 ካ ethiopic syllable tsa

10A6F	፸	OLD SOUTH ARABIAN LETTER SAMEKH	• transliterated as 015B ሂ or s3
10A70	፹	OLD SOUTH ARABIAN LETTER FE	= feh
			• transliterated as f
			→ 1348 እ ethiopic syllable fa
10A71	፻	OLD SOUTH ARABIAN LETTER ALEF	= alef
			• transliterated as 02BC'
			→ 12A0 አ ethiopic syllable glottal a
10A72	፻	OLD SOUTH ARABIAN LETTER AYN	= ain
			• transliterated as 02BD '
			→ 12D0 ባ ethiopic syllable pharyngeal a
10A73	፻	OLD SOUTH ARABIAN LETTER DHADHE	= dad
			• transliterated as 1E0D ጥ
			→ 1340 ጥ ethiopic syllable tza
10A74	፻	OLD SOUTH ARABIAN LETTER GIMEL	= jeem
			• transliterated as g
			→ 1308 ጥ ethiopic syllable ga
10A75	፻	OLD SOUTH ARABIAN LETTER DALETH	= dal
			• transliterated as d
			→ 12F0 ጥ ethiopic syllable da
10A76	፻	OLD SOUTH ARABIAN LETTER GHAYN	= ghain
			• transliterated as 0121 ጥ
10A77	፻	OLD SOUTH ARABIAN LETTER TETH	= tah
			• transliterated as 1E6D ጥ
			→ 1320 ጥ ethiopic syllable tha
10A78	፻	OLD SOUTH ARABIAN LETTER ZAYN	= zain
			• transliterated as z
			→ 12D8 ጥ ethiopic syllable za
10A79	፻	OLD SOUTH ARABIAN LETTER DHALETH	= thal
			• transliterated as 1E0F ጥ
10A7A	፻	OLD SOUTH ARABIAN LETTER YODH	= yeh
			• transliterated as y
			→ 12E8 ጥ ethiopic syllable ya
10A7B	፻	OLD SOUTH ARABIAN LETTER THAW	= theh
			• transliterated as 1E6F ጥ
10A7C	፻	OLD SOUTH ARABIAN LETTER THETH	= zah
			• transliterated as 1E93 ጥ

**Numbers**

10A7D	፩	OLD SOUTH ARABIAN NUMBER ONE
10A7E	፪	OLD SOUTH ARABIAN NUMBER FIFTY
10A7F	፫	OLD SOUTH ARABIAN NUMERIC INDICATOR

	10A8	10A9
0	𐀁	܂
	10A80	10A90
1	܃	܄
	10A81	10A91
2	܆	܇
	10A82	10A92
3	܈	܉
	10A83	10A93
4	܊	܋
	10A84	10A94
5	܌	܍
	10A85	10A95
6	܏	ܐ
	10A86	10A96
7	ܑ	ܒ
	10A87	10A97
8	ܕ	ܖ
	10A88	10A98
9	ܔ	ܖ
	10A89	10A99
A	ܗ	ܘ
	10A8A	10A9A
B	ܙ	ܚ
	10A8B	10A9B
C	ܛ	ܜ
	10A8C	10A9C
D	ܖ	ܞ
	10A8D	10A9D
E	܊	܎
	10A8E	10A9E
F	ܓ	ܔ
	10A8F	10A9F

10A80

## Old North Arabian

10A9F

**Letters**

- 10A80 ⚡ OLD NORTH ARABIAN LETTER HEH  
• transliterated as h  
→ 1200 ⚡ ethiopic syllable ha  
→ 10A60 ⚡ old south arabian letter he
- 10A81 ⚢ OLD NORTH ARABIAN LETTER LAM  
• transliterated as l  
→ 1208 ⚢ ethiopic syllable la  
→ 10A61 ⚢ old south arabian letter lamedh
- 10A82 ⚣ OLD NORTH ARABIAN LETTER HAH  
• transliterated as 1E25 ⚣  
→ 1210 ⚣ ethiopic syllable hha  
→ 10A62 ⚣ old south arabian letter heth
- 10A83 ⚤ OLD NORTH ARABIAN LETTER MEEM  
• transliterated as m  
→ 1218 ⚤ ethiopic syllable ma  
→ 10A63 ⚤ old south arabian letter mem
- 10A84 ⚥ OLD NORTH ARABIAN LETTER QAF  
• transliterated as q  
→ 1240 ⚥ ethiopic syllable qa  
→ 10A64 ⚥ old south arabian letter qoph
- 10A85 ⚦ OLD NORTH ARABIAN LETTER WAW  
• transliterated as w  
→ 12C8 ⚦ ethiopic syllable wa  
→ 10A65 ⚦ old south arabian letter waw
- 10A86 ⚧ OLD NORTH ARABIAN LETTER ES-2  
• transliterated as s2  
→ 1220 ⚧ ethiopic syllable sza  
→ 10A66 ⚧ old south arabian letter shin
- 10A87 ⚨ OLD NORTH ARABIAN LETTER REH  
• transliterated as r  
→ 1228 ⚨ ethiopic syllable ra  
→ 10A67 ⚨ old south arabian letter resh
- 10A88 ⚩ OLD NORTH ARABIAN LETTER BEH  
• transliterated as b  
→ 1260 ⚩ ethiopic syllable ba  
→ 10A68 ⚩ old south arabian letter beth
- 10A89 ⚪ OLD NORTH ARABIAN LETTER TEH  
• transliterated as t  
→ 1270 ⚪ ethiopic syllable ta  
→ 10A69 ⚪ old south arabian letter taw
- 10A8A ⚫ OLD NORTH ARABIAN LETTER ES-1  
• transliterated as s1  
→ 1230 ⚫ ethiopic syllable sa  
→ 10A6A ⚫ old south arabian letter sat
- 10A8B ⚬ OLD NORTH ARABIAN LETTER KAF  
• transliterated as k  
→ 12A8 ⚬ ethiopic syllable ka  
→ 10A6B ⚬ old south arabian letter kaph
- 10A8C ⚭ OLD NORTH ARABIAN LETTER NOON  
• transliterated as n  
→ 1290 ⚭ ethiopic syllable na  
→ 10A6C ⚭ old south arabian letter nun
- 10A8D ⚮ OLD NORTH ARABIAN LETTER KHAH  
• transliterated as 1E2B ⚮  
→ 1280 ⚮ ethiopic syllable xa  
→ 10A6D ⚮ old south arabian letter kheth
- 10A8E ⚯ OLD NORTH ARABIAN LETTER SAD  
• transliterated as 1E63 ⚯  
→ 1338 ⚯ ethiopic syllable tsa  
→ 10A6E ⚯ old south arabian letter sadhe

- 10A8F ⚰ OLD NORTH ARABIAN LETTER ES-3  
• transliterated as s3  
→ 10A6F ⚰ old south arabian letter samekh
- 10A90 ⚱ OLD NORTH ARABIAN LETTER FEH  
• transliterated as f  
→ 1348 ⚱ ethiopic syllable fa  
→ 10A70 ⚱ old south arabian letter fe
- 10A91 ⚲ OLD NORTH ARABIAN LETTER ALEF  
• transliterated as 02BC'  
→ 12A0 ⚲ ethiopic syllable glottal a  
→ 10A71 ⚲ old south arabian letter alef
- 10A92 ⚳ OLD NORTH ARABIAN LETTER AIN  
• transliterated as 02BD'  
→ 12D0 ⚳ ethiopic syllable pharyngeal a  
→ 10A72 ⚳ old south arabian letter ayn
- 10A93 ⚴ OLD NORTH ARABIAN LETTER DAD  
• transliterated as 1E0D ⚴  
→ 1340 ⚴ ethiopic syllable tza  
→ 10A73 ⚴ old south arabian letter dhadhe
- 10A94 ⚵ OLD NORTH ARABIAN LETTER GEEM  
• transliterated as g  
→ 1308 ⚵ ethiopic syllable ga  
→ 10A74 ⚵ old south arabian letter gimel
- 10A95 ⚶ OLD NORTH ARABIAN LETTER DAL  
• transliterated as d  
→ 12F0 ⚶ ethiopic syllable da  
→ 10A75 ⚶ old south arabian letter daleth
- 10A96 ⚷ OLD NORTH ARABIAN LETTER GHAIN  
• transliterated as 0121 ⚷  
→ 10A76 ⚷ old south arabian letter ghayn
- 10A97 ⚸ OLD NORTH ARABIAN LETTER TAH  
• transliterated as 1E6D ⚸  
→ 1320 ⚸ ethiopic syllable tha  
→ 10A77 ⚸ old south arabian letter teth
- 10A98 ⚹ OLD NORTH ARABIAN LETTER ZAIN  
• transliterated as z  
→ 12D8 ⚹ ethiopic syllable za  
→ 10A78 ⚹ old south arabian letter zayn
- 10A99 ⚺ OLD NORTH ARABIAN LETTER THAL  
• transliterated as 1EOF ⚺  
→ 10A79 ⚺ old south arabian letter dhalet
- 10A9A ⚻ OLD NORTH ARABIAN LETTER YEH  
• transliterated as y  
→ 12E8 ⚻ ethiopic syllable ya  
→ 10A7A ⚻ old south arabian letter yodh
- 10A9B ⚼ OLD NORTH ARABIAN LETTER THEH  
• transliterated as 1E6F ⚼  
→ 10A7B ⚼ old south arabian letter thaw
- 10A9C ⚽ OLD NORTH ARABIAN LETTER ZAH  
• transliterated as 1E93 ⚽  
→ 10A7C ⚽ old south arabian letter theth

**Numbers**

- 10A9D ⚑ OLD NORTH ARABIAN NUMBER ONE
- 10A9E ⚒ OLD NORTH ARABIAN NUMBER TEN
- 10A9F ⚓ OLD NORTH ARABIAN NUMBER TWENTY

	10AC	10AD	10AE	10AF	
0	፩ 10AC0	፪ 10AD0	፫ 10AE0	፬ 10AF0	
1	፻ 10AC1	፼ 10AD1	፽ 10AE1	፾ 10AF1	
2	፷ 10AC2	፸ 10AD2	፹ 10AE2	፺ 10AF2	
3	፻ 10AC3	፻ 10AD3	፻ 10AE3	፻ 10AF3	
4	፻ 10AC4	፻ 10AD4	፻ 10AE4	• 10AF4	
5	፻ 10AC5	፻ 10AD5	؍ 10AE5	؍ 10AF5	
6	፻ 10AC6	፻ 10AD6	؍ 10AE6	؍ 10AF6	
7	፻ 10AC7	፻ 10AD7			
8	؍ 10AC8	؍ 10AD8			
9	؍ 10AC9	؍ 10AD9			
A	؍ 10ACA	؍ 10ADA			
B	؍ 10ACB	؍ 10ADB	؍ 10AEB		
C	؍ 10ACC	؍ 10ADC	؍ 10AEC		
D	؍ 10ACD	؍ 10ADD	؍ 10AED		
E	؍ 10ACE	؍ 10ADE	؍ 10AEE		
F	• 10ACF	؍ 10ADF	؍ 10AEF		

10AC0

Manichaean

10AF6

Letters



- 10AF4 . MANICHAEAN PUNCTUATION DOT  
10AF5 : MANICHAEAN PUNCTUATION TWO DOTS  
10AF6 ¢ MANICHAEAN PUNCTUATION LINE FILLER

## Combining marks

- 10AE5 ◊ MANICHAEAN ABBREVIATION MARK ABOVE  
10AE6 ◊ MANICHAFAN ABBRFEVIATION MARK BELOW

### **Numbers**

- |        |   |                               |
|--------|---|-------------------------------|
| 10AEB  |  | MANICHAEAN NUMBER ONE         |
| 10AEC  |  | MANICHAEAN NUMBER FIVE        |
| 10AED  |  | MANICHAEAN NUMBER TEN         |
| 10AEE  |  | MANICHAEAN NUMBER TWENTY      |
| 10AAEF |  | MANICHAEAN NUMBER ONE HUNDRED |

## Punctuation

- |       |   |
|-------|---|
| 10AF0 | ⌚ MANICHAEAN PUNCTUATION STAR                     |
| 10AF1 | ✿ MANICHAEAN PUNCTUATION FLEURON                  |
| 10AF2 | ¤ MANICHAEAN PUNCTUATION DOUBLE DOT<br>WITHIN DOT |
| 10AF3 | ● MANICHAEAN PUNCTUATION DOT WITHIN<br>DOT        |

**Standardized Variation Sequences**10AC5  MANICHAEAN LETTER DALETH

10AC5

 alternate form (isolate)

10AC5 FE00

10AC6  MANICHAEAN LETTER HE

10AC6

 alternate form (isolate)

10AC6 FE00

10AD6  MANICHAEAN LETTER MEM

10AD6

 alternate form (isolate)

10AD6 FE00

 alternate form (final)

10AD6 FE00

10AD7  MANICHAEAN LETTER NUN

10AD7

 alternate form (isolate)

10AD7 FE00

10AE1  MANICHAEAN LETTER RESH

10AE1

 alternate form (isolate)

10AE1 FE00

	10B0	10B1	10B2	10B3
0	𐭧 10B00	𐭨 10B10	𐭩 10B20	𐭪 10B30
1	𐭤 10B01	𐭥 10B11	𐭦 10B21	𐭦 10B31
2	𐭦 10B02	𐭦 10B12	𐭢 10B22	𐭦 10B32
3	𐭦 10B03	𐭦 10B13	𐭦 10B23	𐭦 10B33
4	𐏃 10B04	𐏃 10B14	𐏃 10B24	𐏃 10B34
5	𐏄 10B05	𐏄 10B15	𐏄 10B25	𐏄 10B35
6	𐏆 10B06	𐏆 10B16	𐏆 10B26	
7	𐏇 10B07	𐏇 10B17	𐏇 10B27	
8	𐏈 10B08	𐏈 10B18	𐏈 10B28	
9	𐏉 10B09	𐏉 10B19	𐏉 10B29	◦ 10B39
A	𐏊 10B0A	𐏊 10B1A	𐏊 10B2A	◦◦ 10B3A
B	𐏋 10B0B	𐏋 10B1B	𐏋 10B2B	◦◦ 10B3B
C	𐏌 10B0C	𐏌 10B1C	𐏌 10B2C	◦◦ 10B3C
D	𐏍 10B0D	𐏍 10B1D	𐏍 10B2D	◦◦ 10B3D
E	𐏎 10B0E	𐏎 10B1E	𐏎 10B2E	◦◦◦ 10B3E
F	𐏏 10B0F	𐏏 10B1F	𐏏 10B2F	◦◦◦ 10B3F

**Vowels**

10B00	„	AVESTAN LETTER A
10B01	„	AVESTAN LETTER AA
10B02	„	AVESTAN LETTER AO
10B03	„	AVESTAN LETTER AAO
10B04	„	AVESTAN LETTER AN
10B05	„	AVESTAN LETTER AAN
10B06	„	AVESTAN LETTER AE
10B07	„	AVESTAN LETTER AEE
10B08	„	AVESTAN LETTER E
10B09	„	AVESTAN LETTER EE
10B0A	„	AVESTAN LETTER O
10B0B	„	AVESTAN LETTER OO
10B0C	„	AVESTAN LETTER I
10B0D	„	AVESTAN LETTER II
10B0E	„	AVESTAN LETTER U
10B0F	„	AVESTAN LETTER UU

**Consonants**

10B10	„	AVESTAN LETTER KE
10B11	„	AVESTAN LETTER XE
10B12	„	AVESTAN LETTER XYE
10B13	„	AVESTAN LETTER XVE
10B14	„	AVESTAN LETTER GE
10B15	„	AVESTAN LETTER GGE
10B16	„	AVESTAN LETTER GHE
10B17	„	AVESTAN LETTER CE
10B18	„	AVESTAN LETTER JE
10B19	„	AVESTAN LETTER TE
10B1A	„	AVESTAN LETTER THE
10B1B	„	AVESTAN LETTER DE
10B1C	„	AVESTAN LETTER DHE
10B1D	„	AVESTAN LETTER TTE
10B1E	„	AVESTAN LETTER PE
10B1F	„	AVESTAN LETTER FE
10B20	„	AVESTAN LETTER BE
10B21	„	AVESTAN LETTER BHE
10B22	„	AVESTAN LETTER NGE
10B23	„	AVESTAN LETTER NGYE
10B24	„	AVESTAN LETTER NGVE
10B25	„	AVESTAN LETTER NE
10B26	„	AVESTAN LETTER NYE
10B27	„	AVESTAN LETTER NNE
10B28	„	AVESTAN LETTER ME
10B29	„	AVESTAN LETTER HME
10B2A	„	AVESTAN LETTER YYE
10B2B	„	AVESTAN LETTER YE
10B2C	„	AVESTAN LETTER VE
10B2D	„	AVESTAN LETTER RE
10B2E	„	AVESTAN LETTER LE
10B2F	„	AVESTAN LETTER SE
10B30	„	AVESTAN LETTER ZE
10B31	„	AVESTAN LETTER SHE
10B32	„	AVESTAN LETTER ZHE
10B33	„	AVESTAN LETTER SHYE
10B34	„	AVESTAN LETTER SSHE
10B35	„	AVESTAN LETTER HE

**Punctuation**

10B39	„	AVESTAN ABBREVIATION MARK → 2218 ◦ ring operator → 2E30 ◦ ring point → 2E31 · word separator middle dot
10B3A	„	TINY TWO DOTS OVER ONE DOT PUNCTUATION
10B3B	„	SMALL TWO DOTS OVER ONE DOT PUNCTUATION
10B3C	„	LARGE TWO DOTS OVER ONE DOT PUNCTUATION
10B3D	„	LARGE ONE DOT OVER TWO DOTS PUNCTUATION
10B3E	„	LARGE TWO RINGS OVER ONE RING PUNCTUATION
10B3F	„	LARGE ONE RING OVER TWO RINGS PUNCTUATION

	10B4	10B5
0		
1		
2		
3		
4		
5		
6		
7		
8		
9		
A		
B		
C		
D		
E		
F		

**Letters**

- 10B40 INSCRIPTIONAL PARTHIAN LETTER ALEPH  
 10B41 INSCRIPTIONAL PARTHIAN LETTER BETH  
 10B42 INSCRIPTIONAL PARTHIAN LETTER GIMEL  
 10B43 INSCRIPTIONAL PARTHIAN LETTER DALETH  
 10B44 INSCRIPTIONAL PARTHIAN LETTER HE  
 10B45 INSCRIPTIONAL PARTHIAN LETTER WAW  
 10B46 INSCRIPTIONAL PARTHIAN LETTER ZAYIN  
 10B47 INSCRIPTIONAL PARTHIAN LETTER HETH  
 10B48 INSCRIPTIONAL PARTHIAN LETTER TETH  
 10B49 INSCRIPTIONAL PARTHIAN LETTER YODH  
 10B4A INSCRIPTIONAL PARTHIAN LETTER KAPH  
 10B4B INSCRIPTIONAL PARTHIAN LETTER LAMEDH  
 10B4C INSCRIPTIONAL PARTHIAN LETTER MEM  
 10B4D INSCRIPTIONAL PARTHIAN LETTER NUN  
 10B4E INSCRIPTIONAL PARTHIAN LETTER SAMEKH  
 10B4F INSCRIPTIONAL PARTHIAN LETTER AYIN  
 10B50 INSCRIPTIONAL PARTHIAN LETTER PE  
 10B51 INSCRIPTIONAL PARTHIAN LETTER SADHE  
 10B52 INSCRIPTIONAL PARTHIAN LETTER QOPH  
 10B53 INSCRIPTIONAL PARTHIAN LETTER RESH  
 10B54 INSCRIPTIONAL PARTHIAN LETTER SHIN  
 10B55 INSCRIPTIONAL PARTHIAN LETTER TAW

**Numbers**

- 10B58 INSCRIPTIONAL PARTHIAN NUMBER ONE  
 10B59 INSCRIPTIONAL PARTHIAN NUMBER TWO  
 10B5A INSCRIPTIONAL PARTHIAN NUMBER THREE  
 10B5B INSCRIPTIONAL PARTHIAN NUMBER FOUR  
 10B5C INSCRIPTIONAL PARTHIAN NUMBER TEN  
 10B5D INSCRIPTIONAL PARTHIAN NUMBER TWENTY  
 10B5E INSCRIPTIONAL PARTHIAN NUMBER ONE HUNDRED  
 10B5F INSCRIPTIONAL PARTHIAN NUMBER ONE THOUSAND

	10B6	10B7
0	𠂇 10B60	𠂈 10B70
1	𠂆 10B61	𠂉 10B71
2	𠂅 10B62	𠂊 10B72
3	𠁃 10B63	
4	𠁚 10B64	
5	𠁔 10B65	
6	𠁕 10B66	
7	𠁖 10B67	
8	𠁗 10B68	𠁐 10B78
9	𠁘 10B69	𠁙 10B79
A	𠁚 10B6A	𠁚𠁚 10B7A
B	𠁚 10B6B	𠁚𠁚𠁚 10B7B
C	𠁚 10B6C	𠁐 10B7C
D	𠁖 10B6D	𠁃 10B7D
E	𠁚 10B6E	𠁚 10B7E
F	𠁚 10B6F	𠁚 10B7F

**Letters**

- 10B60 𠂇 INSCRIPTIONAL PAHLAVI LETTER ALEPH  
 10B61 𠂆 INSCRIPTIONAL PAHLAVI LETTER BETH  
 10B62 𠂅 INSCRIPTIONAL PAHLAVI LETTER GIMEL  
 10B63 𠁃 INSCRIPTIONAL PAHLAVI LETTER DALETH  
 10B64 𠁚 INSCRIPTIONAL PAHLAVI LETTER HE  
 10B65 𠁔 INSCRIPTIONAL PAHLAVI LETTER WAW-AYIN-RESH  
 10B66 𠁕 INSCRIPTIONAL PAHLAVI LETTER ZAYIN  
 10B67 𠁖 INSCRIPTIONAL PAHLAVI LETTER HETH  
 10B68 𠁗 INSCRIPTIONAL PAHLAVI LETTER TETH  
 10B69 𠁘 INSCRIPTIONAL PAHLAVI LETTER YODH  
 10B6A 𠁚 INSCRIPTIONAL PAHLAVI LETTER KAPH  
 10B6B 𠁚 INSCRIPTIONAL PAHLAVI LETTER LAMEDH  
 10B6C 𠁚 INSCRIPTIONAL PAHLAVI LETTER MEM-QOPH  
 10B6D 𠁖 INSCRIPTIONAL PAHLAVI LETTER NUN  
 10B6E 𠁚 INSCRIPTIONAL PAHLAVI LETTER SAMEKH  
 10B6F 𠁚 INSCRIPTIONAL PAHLAVI LETTER PE  
 10B70 𠁖 INSCRIPTIONAL PAHLAVI LETTER SADHE  
 10B71 𠁔 INSCRIPTIONAL PAHLAVI LETTER SHIN  
 10B72 𠁚 INSCRIPTIONAL PAHLAVI LETTER TAW

**Numbers**

- 10B78 𠁐 INSCRIPTIONAL PAHLAVI NUMBER ONE  
 10B79 𠁙 INSCRIPTIONAL PAHLAVI NUMBER TWO  
 10B7A 𠁚𠁚 INSCRIPTIONAL PAHLAVI NUMBER THREE  
 10B7B 𠁚𠁚𠁚 INSCRIPTIONAL PAHLAVI NUMBER FOUR  
 10B7C 𠁐 INSCRIPTIONAL PAHLAVI NUMBER TEN  
 10B7D 𠁃 INSCRIPTIONAL PAHLAVI NUMBER TWENTY  
 10B7E 𠁚 INSCRIPTIONAL PAHLAVI NUMBER ONE HUNDRED  
 10B7F 𠁚 INSCRIPTIONAL PAHLAVI NUMBER ONE THOUSAND

	10B8	10B9	10BA
0	𠂇 10B80	𠂈 10B90	
1	𠂆 10B81	𠂉 10B91	
2	𠂁 10B82		
3	𠂔 10B83		
4	𠂅 10B84		
5	𠂆 10B85		
6	𠂆 10B86		
7	𠂉 10B87		
8	𠂊 10B88		
9	𠂇 10B89	܀ 10B99	܀ 10BA9
A	܁ 10B8A	܀ 10B9A	܁ 10BAA
B	܁ 10B8B	܀܀ 10B9B	܁܁ 10BAB
C	܂ 10B8C	܀܀ 10B9C	܂܂ 10BAC
D	܂ 10B8D		܁ 10BAD
E	܁ 10B8E		܁ 10BAE
F	܁ 10B8F		܁܁ 10BAF

**Letters**

- 10B80 ܂ PSALTER PAHLAVI LETTER ALEPH  
 10B81 ܃ PSALTER PAHLAVI LETTER BETH  
 10B82 ܄ PSALTER PAHLAVI LETTER GIMEL  
 10B83 ܅ PSALTER PAHLAVI LETTER DALETH  
 10B84 ܆ PSALTER PAHLAVI LETTER HE  
 10B85 ܇ PSALTER PAHLAVI LETTER WAW-AYIN-RESH  
 10B86 ܈ PSALTER PAHLAVI LETTER ZAYIN  
 10B87 ܉ PSALTER PAHLAVI LETTER HETH  
 10B88 ܊ PSALTER PAHLAVI LETTER YODH  
 10B89 ܋ PSALTER PAHLAVI LETTER KAPH  
 10B8A ܌ PSALTER PAHLAVI LETTER LAMEDH  
 10B8B ܍ PSALTER PAHLAVI LETTER MEM-QOPH  
 10B8C ܎ PSALTER PAHLAVI LETTER NUN  
 10B8D ܏ PSALTER PAHLAVI LETTER SAMEKH  
 10B8E ܐ PSALTER PAHLAVI LETTER PE  
 10B8F ܑ PSALTER PAHLAVI LETTER SADHE  
 10B90 ܒ PSALTER PAHLAVI LETTER SHIN  
 10B91 ܓ PSALTER PAHLAVI LETTER TAW

**Punctuation**

- 10B99 ܔ PSALTER PAHLAVI SECTION MARK  
 10B9A ܕ PSALTER PAHLAVI TURNED SECTION MARK  
 10B9B ܖ PSALTER PAHLAVI FOUR DOTS WITH CROSS  
 10B9C ܖ PSALTER PAHLAVI FOUR DOTS WITH DOT

**Numbers**

- 10BA9 ܁ PSALTER PAHLAVI NUMBER ONE  
 10BAA ܂ PSALTER PAHLAVI NUMBER TWO  
 10BAB ܃ PSALTER PAHLAVI NUMBER THREE  
 10BAC ܄ PSALTER PAHLAVI NUMBER FOUR  
 10BAD ܅ PSALTER PAHLAVI NUMBER TEN  
 10BAE ܆ PSALTER PAHLAVI NUMBER TWENTY  
 10BAF ܇ PSALTER PAHLAVI NUMBER ONE HUNDRED

	10C0	10C1	10C2	10C3	10C4
0	Ճ	Ճ	՚	Ւ	՞
1	Ճ	Ճ	՚	՚	՚
2	Ճ	Ճ	՚	՚	՚
3	՚	՚	՚	՚	՚
4	՚	՚	՚	՚	՚
5	՚	՚	՚	՚	՚
6	՚	՚	՚	՚	՚
7	՚	՚	՚	՚	՚
8	՚	՚	՚	՚	՚
9	՚	՚	՚	՚	
A	՚	՚	՚	՚	
B	՚	՚	՚	՚	
C	՚	՚	՚	՚	
D	՚	՚	՚	՚	
E	՚	՚	՚	՚	
F	՚	՚	՚	՚	

**Vowels**

10C00 Ӂ OLD TURKIC LETTER ORKHON A  
 10C01 ӂ OLD TURKIC LETTER YENISEI A  
 10C02 Ӄ OLD TURKIC LETTER YENISEI AE  
 10C03 ӄ OLD TURKIC LETTER ORKHON I  
 10C04 Ӆ OLD TURKIC LETTER YENISEI I  
 10C05 ӆ OLD TURKIC LETTER YENISEI E  
 10C06 Ӈ OLD TURKIC LETTER ORKHON O  
 10C07 ӈ OLD TURKIC LETTER ORKHON OE  
 10C08 Ӊ OLD TURKIC LETTER YENISEI OE

**Consonants**

10C09 Ӆ OLD TURKIC LETTER ORKHON AB  
 10C0A ӂ OLD TURKIC LETTER YENISEI AB  
 10C0B Ӄ OLD TURKIC LETTER ORKHON AEB  
 10C0C ӄ OLD TURKIC LETTER YENISEI AEB  
 10C0D Ӆ OLD TURKIC LETTER ORKHON AG  
 10C0E Ӈ OLD TURKIC LETTER YENISEI AG  
 10C0F ӈ OLD TURKIC LETTER ORKHON AEG  
 10C10 ӊ OLD TURKIC LETTER YENISEI AEG  
 10C11 Ӌ OLD TURKIC LETTER ORKHON AD  
 10C12 ӌ OLD TURKIC LETTER YENISEI AD  
 10C13 Ӎ OLD TURKIC LETTER ORKHON AED  
 10C14 ӎ OLD TURKIC LETTER ORKHON EZ  
 10C15 ӏ OLD TURKIC LETTER YENISEI EZ  
 10C16 ӑ OLD TURKIC LETTER ORKHON AY  
 10C17 Ӓ OLD TURKIC LETTER YENISEI AY  
 10C18 Ӕ OLD TURKIC LETTER ORKHON AEY  
 10C19 ӕ OLD TURKIC LETTER YENISEI AEY  
 10C1A ӗ OLD TURKIC LETTER ORKHON AEK  
 10C1B Ә OLD TURKIC LETTER YENISEI AEK  
 10C1C ә OLD TURKIC LETTER ORKHON OEK  
 10C1D Ӛ OLD TURKIC LETTER YENISEI OEK  
 10C1E Ӝ OLD TURKIC LETTER ORKHON AL  
 10C1F ӟ OLD TURKIC LETTER YENISEI AL  
 10C20 ӛ OLD TURKIC LETTER ORKHON AEL  
 10C21 ӝ OLD TURKIC LETTER ORKHON ELT  
 10C22 ӌ OLD TURKIC LETTER ORKHON EM  
 10C23 Ӎ OLD TURKIC LETTER ORKHON AN  
 10C24 ӎ OLD TURKIC LETTER ORKHON AEN  
 10C25 ӏ OLD TURKIC LETTER YENISEI AEN  
 10C26 ӈ OLD TURKIC LETTER ORKHON ENT  
 10C27 Ӊ OLD TURKIC LETTER YENISEI ENT  
 10C28 ӊ OLD TURKIC LETTER ORKHON ENC  
 10C29 Ӌ OLD TURKIC LETTER YENISEI ENC  
 10C2A ӌ OLD TURKIC LETTER ORKHON ENY  
 10C2B ӄ OLD TURKIC LETTER YENISEI ENY  
 10C2C ӆ OLD TURKIC LETTER YENISEI ANG  
 10C2D Ӈ OLD TURKIC LETTER ORKHON ENG  
 10C2E ӈ OLD TURKIC LETTER YENISEI AENG  
 10C2F Ӊ OLD TURKIC LETTER ORKHON EP  
 10C30 ӊ OLD TURKIC LETTER ORKHON OP  
 10C31 Ӌ OLD TURKIC LETTER ORKHON IC  
 10C32 ӌ OLD TURKIC LETTER ORKHON EC  
 10C33 Ӎ OLD TURKIC LETTER YENISEI EC  
 10C34 ӏ OLD TURKIC LETTER ORKHON AQ  
 10C35 ӏ OLD TURKIC LETTER YENISEI AQ  
 10C36 ӈ OLD TURKIC LETTER ORKHON IQ  
 10C37 Ӎ OLD TURKIC LETTER YENISEI IQ  
 10C38 Ӊ OLD TURKIC LETTER ORKHON OQ  
 10C39 ӊ OLD TURKIC LETTER YENISEI OQ  
 10C3A Ӌ OLD TURKIC LETTER ORKHON AR

10C3B ӌ OLD TURKIC LETTER YENISEI AR  
 10C3C Ӎ OLD TURKIC LETTER ORKHON AER  
 10C3D ӎ OLD TURKIC LETTER ORKHON AS  
 10C3E ӏ OLD TURKIC LETTER ORKHON AES  
 10C3F ӈ OLD TURKIC LETTER ORKHON ASH  
 10C40 Ӊ OLD TURKIC LETTER YENISEI ASH  
 10C41 ӊ OLD TURKIC LETTER ORKHON ESH  
 10C42 Ӌ OLD TURKIC LETTER YENISEI ESH  
 10C43 ӌ OLD TURKIC LETTER ORKHON AT  
 10C44 Ӎ OLD TURKIC LETTER YENISEI AT  
 10C45 ӏ OLD TURKIC LETTER ORKHON AET  
 10C46 ӈ OLD TURKIC LETTER YENISEI AET  
 10C47 Ӎ OLD TURKIC LETTER ORKHON OT  
 10C48 Ӌ OLD TURKIC LETTER ORKHON BASH

	10C8	10C9	10CA	10CB	10CC	10CD	10CE	10CF
0	¶	†	¶	¥	¶	†	¶	¥
1	¶	†	¶	¶	¶	†	¶	¶
2	X	1	H	Ø	X	1	H	Ø
3	¶	◊	/		¶	◊	/	
4	↑	1	Λ		↑	1	Λ	
5	↔	☒			↔	☒		
6	¤	ℳ	¥		¤	ℳ	¥	
7	+	Ø	Þ		+	Ø	Þ	
8	X	¶	X		X	¶	X	
9	☒	)	☒		☒	)	☒	
A	ꝝ	ꝑ	ꝑ		ꝝ	ꝑ	ꝑ	
B	ꝑ	ꝑ	ꝑ		ꝑ	ꝑ	ꝑ	ꝑ
C	ꝑ	ꝑ	ꝑ		ꝑ	ꝑ	ꝑ	X
D	Λ	ꝑ	ꝑ		Λ	ꝑ	ꝑ	ꝑ
E	‡	K	M		‡	K	M	X
F	☒	☒	☒		☒	☒	☒	*

**Uppercase letters***The use of uppercase letters is a modern innovation*

10C80	1	OLD HUNGARIAN CAPITAL LETTER A
10C81	Á	OLD HUNGARIAN CAPITAL LETTER AA = Á
10C82	X	OLD HUNGARIAN CAPITAL LETTER EB = B
10C83	Ó	OLD HUNGARIAN CAPITAL LETTER AMB
10C84	Ü	OLD HUNGARIAN CAPITAL LETTER EC = C
10C85	Ő	OLD HUNGARIAN CAPITAL LETTER ENC
10C86	Ű	OLD HUNGARIAN CAPITAL LETTER ECS = Cs
10C87	†	OLD HUNGARIAN CAPITAL LETTER ED = D
10C88	‡	OLD HUNGARIAN CAPITAL LETTER AND
10C89	§	OLD HUNGARIAN CAPITAL LETTER E
10C8A	¶	OLD HUNGARIAN CAPITAL LETTER CLOSE E = Ě → 10C8F ¶ old hungarian capital letter eh
10C8B	›	OLD HUNGARIAN CAPITAL LETTER EE = É
10C8C	⊗	OLD HUNGARIAN CAPITAL LETTER EF = F
10C8D	ʌ	OLD HUNGARIAN CAPITAL LETTER EG = G
10C8E	‡	OLD HUNGARIAN CAPITAL LETTER EGY = Gy
10C8F	⊗	OLD HUNGARIAN CAPITAL LETTER EH = H → 10C8A § old hungarian capital letter close e
10C90	†	OLD HUNGARIAN CAPITAL LETTER I
10C91	†	OLD HUNGARIAN CAPITAL LETTER II = Í
10C92	1	OLD HUNGARIAN CAPITAL LETTER EJ = J
10C93	◊	OLD HUNGARIAN CAPITAL LETTER EK = K
10C94	Ľ	OLD HUNGARIAN CAPITAL LETTER AK
10C95	Ó	OLD HUNGARIAN CAPITAL LETTER UNK
10C96	ʌ	OLD HUNGARIAN CAPITAL LETTER EL = L
10C97	Ø	OLD HUNGARIAN CAPITAL LETTER ELY = Ly
10C98	§	OLD HUNGARIAN CAPITAL LETTER EM = M
10C99	›	OLD HUNGARIAN CAPITAL LETTER EN = N
10C9A	▷	OLD HUNGARIAN CAPITAL LETTER ENY = Ny
10C9B	▷	OLD HUNGARIAN CAPITAL LETTER O = O
10C9C	▷	OLD HUNGARIAN CAPITAL LETTER OO = Ö
10C9D	ℓ	OLD HUNGARIAN CAPITAL LETTER NIKOLSBURG OE = Ö
10C9E	K	OLD HUNGARIAN CAPITAL LETTER RUDIMENTA OE = Ö
10C9F	⊗	OLD HUNGARIAN CAPITAL LETTER OEE = O with double acute
10CA0	¶	OLD HUNGARIAN CAPITAL LETTER EP = P

10CA1	Ճ	OLD HUNGARIAN CAPITAL LETTER EMP
10CA2	H	OLD HUNGARIAN CAPITAL LETTER ER = R
10CA3	Ľ	OLD HUNGARIAN CAPITAL LETTER SHORT ER
10CA4	ʌ	OLD HUNGARIAN CAPITAL LETTER ES = S
10CA5	I	OLD HUNGARIAN CAPITAL LETTER ESZ = Sz
10CA6	Y	OLD HUNGARIAN CAPITAL LETTER ET = T
10CA7	Ƴ	OLD HUNGARIAN CAPITAL LETTER ENT • also used for Ant and Int
10CA8	X	OLD HUNGARIAN CAPITAL LETTER ETY = Ty
10CA9	X	OLD HUNGARIAN CAPITAL LETTER ECH
10CAA	Ɯ	OLD HUNGARIAN CAPITAL LETTER U
10CAB	Ɯ	OLD HUNGARIAN CAPITAL LETTER UU = Ü
10CAC	Ӯ	OLD HUNGARIAN CAPITAL LETTER NIKOLSBURG UE = Ü • also used for Ö • used for U with double acute in Sándor Forrai's orthography
10CAD	Ւ	OLD HUNGARIAN CAPITAL LETTER RUDIMENTA UE = Ü, U with double acute • used for Ü in Sándor Forrai's orthography
10CAE	Ɯ	OLD HUNGARIAN CAPITAL LETTER EV = V
10CAF	Ӯ	OLD HUNGARIAN CAPITAL LETTER EZ = Z
10CB0	Ƴ	OLD HUNGARIAN CAPITAL LETTER EZS = Zs
10CB1	߱	OLD HUNGARIAN CAPITAL LETTER ENT-SHAPED SIGN
10CB2	߱	OLD HUNGARIAN CAPITAL LETTER US

**Lowercase letters**

10CC0	1	OLD HUNGARIAN SMALL LETTER A
10CC1	Á	OLD HUNGARIAN SMALL LETTER AA = á
10CC2	X	OLD HUNGARIAN SMALL LETTER EB = b
10CC3	Ó	OLD HUNGARIAN SMALL LETTER AMB
10CC4	Ü	OLD HUNGARIAN SMALL LETTER EC = c
10CC5	Ő	OLD HUNGARIAN SMALL LETTER ENC
10CC6	Ű	OLD HUNGARIAN SMALL LETTER ECS = cs
10CC7	†	OLD HUNGARIAN SMALL LETTER ED = d
10CC8	‡	OLD HUNGARIAN SMALL LETTER AND
10CC9	§	OLD HUNGARIAN SMALL LETTER E
10CCA	¶	OLD HUNGARIAN SMALL LETTER CLOSE E = Ě → 10CCF ¶ old hungarian small letter eh
10CCB	›	OLD HUNGARIAN SMALL LETTER EE = É
10CCC	⊗	OLD HUNGARIAN SMALL LETTER EF = f
10CCD	ʌ	OLD HUNGARIAN SMALL LETTER EG = g
10CCE	‡	OLD HUNGARIAN SMALL LETTER EGY = gy

10CCF	✗ OLD HUNGARIAN SMALL LETTER EH = h → 10CCA ✗ old hungarian small letter close e	10CEE	ℳ OLD HUNGARIAN SMALL LETTER EV = v
10CD0	† OLD HUNGARIAN SMALL LETTER I	10CEF	ℳ OLD HUNGARIAN SMALL LETTER EZ = z
10CD1	† OLD HUNGARIAN SMALL LETTER II = í	10CF0	ℳ OLD HUNGARIAN SMALL LETTER EZS = zs
10CD2	፣ OLD HUNGARIAN SMALL LETTER EJ = j	10CF1	ℳ OLD HUNGARIAN SMALL LETTER ENT-SHAPED SIGN • in earlier literature called “tprus” (later recognized as an abbreviation for “temperius”)
10CD3	◊ OLD HUNGARIAN SMALL LETTER EK = k	10CF2	∅ OLD HUNGARIAN SMALL LETTER US
10CD4	፣ OLD HUNGARIAN SMALL LETTER AK		
10CD5	✗ OLD HUNGARIAN SMALL LETTER UNK		
10CD6	ℳ OLD HUNGARIAN SMALL LETTER EL = l		
10CD7	◊ OLD HUNGARIAN SMALL LETTER ELY = ly		
10CD8	፣ OLD HUNGARIAN SMALL LETTER EM = m		
10CD9	⟩ OLD HUNGARIAN SMALL LETTER EN = n		
10CDA	▷ OLD HUNGARIAN SMALL LETTER ENY = ny		
10CDB	▷ OLD HUNGARIAN SMALL LETTER O		
10CDC	▷ OLD HUNGARIAN SMALL LETTER OO = ó		
10CDD	ꝛ OLD HUNGARIAN SMALL LETTER NIKOLSBURG OE = ö • also used for ü		
10CDE	₭ OLD HUNGARIAN SMALL LETTER RUDIMENTA OE = ö		
10CDF	✗ OLD HUNGARIAN SMALL LETTER OEE = o with double acute		
10CE0	፣ OLD HUNGARIAN SMALL LETTER EP = p		
10CE1	◊ OLD HUNGARIAN SMALL LETTER EMP		
10CE2	ℳ OLD HUNGARIAN SMALL LETTER ER = r		
10CE3	՚ OLD HUNGARIAN SMALL LETTER SHORT ER		
10CE4	՞ OLD HUNGARIAN SMALL LETTER ES = s		
10CE5	՚ OLD HUNGARIAN SMALL LETTER ESZ = sz		
10CE6	՚ OLD HUNGARIAN SMALL LETTER ET = t		
10CE7	՚ OLD HUNGARIAN SMALL LETTER ENT • also used for ant and int		
10CE8	✗ OLD HUNGARIAN SMALL LETTER ETY = ty		
10CE9	✗ OLD HUNGARIAN SMALL LETTER ECH		
10CEA	ℳ OLD HUNGARIAN SMALL LETTER U		
10CEB	ℳ OLD HUNGARIAN SMALL LETTER UU = ú		
10CEC	◊ OLD HUNGARIAN SMALL LETTER NIKOLSBURG UE = ü • also used for ö • used for u with double acute in Sándor Forrai’s orthography		
10CED	՚ OLD HUNGARIAN SMALL LETTER RUDIMENTA UE = ü, u with double acute • used for ü in Sándor Forrai’s orthography		

	10E6	10E7
0	፩	፪
1	፫	፬
2	፭	፮
3	፯	፱
4	፲	፳
5	፵	፶
6	፷	፸
7	፹	፻
8	፻	፼
9	፻	፽
A	፾	፿
B	፻	፽
C	፻	፻
D	፻	፻
E	፻	፻
F	፻	

**Digits**

- 10E60 ፩ RUMI DIGIT ONE  
 10E61 ፪ RUMI DIGIT TWO  
 10E62 ፫ RUMI DIGIT THREE  
 10E63 ፬ RUMI DIGIT FOUR  
 10E64 ፭ RUMI DIGIT FIVE  
 10E65 ፮ RUMI DIGIT SIX  
 10E66 ፯ RUMI DIGIT SEVEN  
 10E67 ፱ RUMI DIGIT EIGHT  
 10E68 ፲ RUMI DIGIT NINE

**Numbers**

- 10E69 ፻ RUMI NUMBER TEN  
 10E6A ፲ RUMI NUMBER TWENTY  
 10E6B ፩ RUMI NUMBER THIRTY  
 10E6C ፴ RUMI NUMBER FORTY  
 10E6D ፵ RUMI NUMBER FIFTY  
 10E6E ፶ RUMI NUMBER SIXTY  
 10E6F ፷ RUMI NUMBER SEVENTY  
 10E70 ፸ RUMI NUMBER EIGHTY  
 10E71 ፹ RUMI NUMBER NINETY  
 10E72 ፻ RUMI NUMBER ONE HUNDRED  
 10E73 ፻ RUMI NUMBER TWO HUNDRED  
 10E74 ፻ RUMI NUMBER THREE HUNDRED  
 10E75 ፻ RUMI NUMBER FOUR HUNDRED  
 10E76 ፻ RUMI NUMBER FIVE HUNDRED  
 10E77 ፻ RUMI NUMBER SIX HUNDRED  
 10E78 ፻ RUMI NUMBER SEVEN HUNDRED  
 10E79 ፻ RUMI NUMBER EIGHT HUNDRED  
 10E7A ፻ RUMI NUMBER NINE HUNDRED

**Fractions**

- 10E7B ፻ RUMI FRACTION ONE HALF  
 10E7C ፻ RUMI FRACTION ONE QUARTER  
 10E7D ፻ RUMI FRACTION ONE THIRD  
 10E7E ፻ RUMI FRACTION TWO THIRDS

	1100	1101	1102	1103	1104	1105	1106	1107
0	० 11000	Δ 11010	፩ 11020	፪ 11030	፫ 11040		፭ 11060	
1	• 11001	፱ 11011	፲ 11021	፳ 11031	፴ 11041		፳ 11061	
2	፻ 11002	፻ 11012	፻ 11022	፻ 11032	፻ 11042	- 11052	፻ 11062	
3	፳ 11003	+ 11013	፰ 11023	፵ 11033	= 11043	= 11053	⊕ 11063	
4	⊗ 11004	ጀ 11014	ጀ 11024	ጀ 11034	ጀ 11044	≡ 11054	ጀ 11064	
5	ጀ 11005	∧ 11015	ጀ 11025	ጀ 11035	ጀ 11045	+ 11055	ጀ 11065	
6	ጀ 11006	ጀ 11016	ጀ 11026	ጀ 11036	ጀ 11046	ጀ 11056	ጀ 11066	
7	ጀ 11007	ጀ 11017	ጀ 11027	ጀ 11037	ጀ 11047	ጀ 11057	ጀ 11067	
8	ጀ 11008	ጀ 11018	ጀ 11028	ጀ 11038	ጀ 11048	ጀ 11058	ጀ 11068	
9	ጀ 11009	ጀ 11019	ጀ 11029	ጀ 11039	ጀ 11049	ጀ 11059	ጀ 11069	
A	ጀ 1100A	ጀ 1101A	ጀ 1102A	ጀ 1103A	ጀ 1104A	ጀ 1105A	ጀ 1106A	
B	ጀ 1100B	ጀ 1101B	ጀ 1102B	ጀ 1103B	ጀ 1104B	ጀ 1105B	ጀ 1106B	
C	ጀ 1100C	ጀ 1101C	ጀ 1102C	ጀ 1103C	ጀ 1104C	ጀ 1105C	ጀ 1106C	
D	ጀ 1100D	ጀ 1101D	ጀ 1102D	ጀ 1103D	ጀ 1104D	ጀ 1105D	ጀ 1106D	
E	ጀ 1100E	ጀ 1101E	ጀ 1102E	ጀ 1103E		ጀ 1105E	ጀ 1106E	
F	ጀ 1100F	ጀ 1101F	ጀ 1102F	ጀ 1103F		ጀ 1105F	ጀ 1106F	BNJ 1107F

**Various signs**

11000 ◦ BRAHMI SIGN CANDRABINDU  
 11001 ◌ BRAHMI SIGN ANUSVARA  
 11002 ◎ BRAHMI SIGN VISARGA  
 11003 ✘ BRAHMI SIGN JIHVAMULIYA  
 11004 ✙ BRAHMI SIGN UPADHMANIYA

**Independent vowels**

11005 Ḫ BRAHMI LETTER A  
 11006 Ḥ BRAHMI LETTER AA  
 11007 ∴ BRAHMI LETTER I  
 11008 ∴ BRAHMI LETTER II  
 11009 ∠ BRAHMI LETTER U  
 1100A ᶥ BRAHMI LETTER UU  
 1100B ✘ BRAHMI LETTER VOCALIC R  
 1100C ✙ BRAHMI LETTER VOCALIC RR  
 1100D ✚ BRAHMI LETTER VOCALIC L  
 1100E ✚ BRAHMI LETTER VOCALIC LL  
 1100F Δ BRAHMI LETTER E  
 11010 Δ BRAHMI LETTER AI  
 11011 ∠ BRAHMI LETTER O  
 11012 ✚ BRAHMI LETTER AU

**Consonants**

11013 + BRAHMI LETTER KA  
 11014 ՚ BRAHMI LETTER KHA  
 11015 ^ BRAHMI LETTER GA  
 11016 ՚ BRAHMI LETTER GHA  
 11017 ՚ BRAHMI LETTER NGA  
 11018 ՚ BRAHMI LETTER CA  
 11019 ՚ BRAHMI LETTER CHA  
 1101A ՚ BRAHMI LETTER JA  
 1101B ՚ BRAHMI LETTER JHA  
 1101C ՚ BRAHMI LETTER NYA  
 1101D ՚ BRAHMI LETTER TTA  
 1101E ՚ BRAHMI LETTER TTHA  
 1101F ՚ BRAHMI LETTER DDA  
 11020 ՚ BRAHMI LETTER DDHA  
 11021 ՚ BRAHMI LETTER NNA  
 11022 ՚ BRAHMI LETTER TA  
 11023 ՚ BRAHMI LETTER THA  
 11024 ՚ BRAHMI LETTER DA  
 11025 ՚ BRAHMI LETTER DHA  
 11026 ՚ BRAHMI LETTER NA  
 11027 ՚ BRAHMI LETTER PA  
 11028 ՚ BRAHMI LETTER PHA  
 11029 ՚ BRAHMI LETTER BA  
 1102A ՚ BRAHMI LETTER BHA  
 1102B ՚ BRAHMI LETTER MA  
 1102C ՚ BRAHMI LETTER YA  
 1102D ՚ BRAHMI LETTER RA  
 1102E ՚ BRAHMI LETTER LA  
 1102F ՚ BRAHMI LETTER VA  
 11030 ՚ BRAHMI LETTER SHA  
 11031 ՚ BRAHMI LETTER SSA  
 11032 ՚ BRAHMI LETTER SA  
 11033 ՚ BRAHMI LETTER HA  
 11034 ՚ BRAHMI LETTER LLA  
 11035 ՚ BRAHMI LETTER OLD TAMIL LLLA  
 11036 ՚ BRAHMI LETTER OLD TAMIL RRA  
 11037 ՚ BRAHMI LETTER OLD TAMIL NNNA

**Dependent vowel signs**

11038 ᬁ BRAHMI VOWEL SIGN AA  
 11039 ᬁ BRAHMI VOWEL SIGN BHATTIPROLU AA  
 1103A ᬁ BRAHMI VOWEL SIGN I  
 1103B ᬁ BRAHMI VOWEL SIGN II  
 1103C ᬁ BRAHMI VOWEL SIGN U  
 1103D ᬁ BRAHMI VOWEL SIGN UU  
 1103E ᬁ BRAHMI VOWEL SIGN VOCALIC R  
 1103F ᬁ BRAHMI VOWEL SIGN VOCALIC RR  
 11040 ᬁ BRAHMI VOWEL SIGN VOCALIC L  
 11041 ᬁ BRAHMI VOWEL SIGN VOCALIC LL  
 11042 ᬁ BRAHMI VOWEL SIGN E  
 11043 ᬁ BRAHMI VOWEL SIGN AI  
 11044 ᬁ BRAHMI VOWEL SIGN O  
 11045 ᬁ BRAHMI VOWEL SIGN AU

**Virama**

11046 ᬁ BRAHMI VIRAMA

**Punctuation**

11047 | BRAHMI DANDA  
 11048 || BRAHMI DOUBLE DANDA  
 11049 - BRAHMI PUNCTUATION DOT  
 1104A = BRAHMI PUNCTUATION DOUBLE DOT  
 1104B — BRAHMI PUNCTUATION LINE  
 1104C ࡓ BRAHMI PUNCTUATION CRESCENT BAR  
 1104D ࡔ BRAHMI PUNCTUATION LOTUS

**Numbers**

11052 – BRAHMI NUMBER ONE  
 11053 = BRAHMI NUMBER TWO  
 11054 ≡ BRAHMI NUMBER THREE  
 11055 + BRAHMI NUMBER FOUR  
 11056 ՚ BRAHMI NUMBER FIVE  
 11057 ՚ BRAHMI NUMBER SIX  
 11058 ՚ BRAHMI NUMBER SEVEN  
 11059 ՚ BRAHMI NUMBER EIGHT  
 1105A ՚ BRAHMI NUMBER NINE  
 1105B ՚ BRAHMI NUMBER TEN  
 1105C ՚ BRAHMI NUMBER TWENTY  
 1105D ՚ BRAHMI NUMBER THIRTY  
 1105E ՚ BRAHMI NUMBER FORTY  
 1105F ՚ BRAHMI NUMBER FIFTY  
 11060 ՚ BRAHMI NUMBER SIXTY  
 11061 ՚ BRAHMI NUMBER SEVENTY  
 11062 ՚ BRAHMI NUMBER EIGHTY  
 11063 ՚ BRAHMI NUMBER NINETY  
 11064 ՚ BRAHMI NUMBER ONE HUNDRED  
 11065 ՚ BRAHMI NUMBER ONE THOUSAND

**Digits**

11066 . BRAHMI DIGIT ZERO  
 11067 ՚ BRAHMI DIGIT ONE  
 11068 ՚ BRAHMI DIGIT TWO  
 11069 ՚ BRAHMI DIGIT THREE  
 1106A ՚ BRAHMI DIGIT FOUR  
 1106B ՚ BRAHMI DIGIT FIVE  
 1106C ՚ BRAHMI DIGIT SIX  
 1106D ՚ BRAHMI DIGIT SEVEN  
 1106E ՚ BRAHMI DIGIT EIGHT  
 1106F ՚ BRAHMI DIGIT NINE

**Number joiner**1107F  BRAHMI NUMBER JOINER

- used to form ligatures between Brahmi numbers signifying multiplication

	1108	1109	110A	110B	110C
0	ଁ	ଘ	ମ	ଠି	ଲ
1	ଁ	ବ୍ର	ଧ	ମ୍ବି	ଲ୍ଲ
2	ଁଃ	ଅ	ଗ	ମି	
3	ଥ	ଷ	ପ	ଶ୍ବ	
4	ଆ	ଟ	କୁ	ଗ୍ର	
5	ନ୍ତ	ର୍ତ୍ତ	ନ୍ତ୍ର	ସ୍ଵ	
6	ନ୍ତ୍ର	ମ୍ର	ନ୍ତ୍ରା	ସ୍ଵୀ	
7	ତ୍ତ	ର୍ତ୍ତ	ମ୍ରା	ସ୍ଵୀ	
8	ତ୍ତୀ	ର୍ତ୍ତୀ	ମ୍ରୀ	ସ୍ଵୀ	
9	ହ୍ର	ର୍ତ୍ତ୍ର	ନ୍ତ୍ରୀ	ସ୍ଵୀ	
A	ନ୍ତ୍ରୀ	ର୍ତ୍ତ୍ରୀ	ମ୍ରୀ	ସ୍ଵୀ	
B	ଆୟୀ	ର୍ତ୍ତୀ	ମ୍ରାୟୀ	ସ୍ଵୀ	
C	ଆୟୀ	ର୍ତ୍ତୀ	ଶ୍ରାୟୀ	ସ୍ଵୀ	
D	ନ୍ତ୍ରୀ	ର୍ତ୍ତୀ	ମ୍ରାୟୀ	ନ୍ତ୍ରୀ	
E	ଯ୍ର	ର୍ତ୍ତ	ମ୍ରା	—	
F	ନ୍ତ୍ରୀ	ର୍ତ୍ତୀ	ମ୍ରାୟୀ	=	

**Various signs**

11080 ጀ KAITHI SIGN CANDRABINDU  
 11081 ጀ KAITHI SIGN ANUSVARA  
 11082 ጀ: KAITHI SIGN VISARGA

**Independent vowels**

11083 ጀ KAITHI LETTER A  
 11084 ጀ॥ KAITHI LETTER AA  
 11085 ጀ KAITHI LETTER I  
 11086 ጀ KAITHI LETTER II  
 11087 ጀ KAITHI LETTER U  
 11088 ጀ KAITHI LETTER UU  
 11089 ጀ KAITHI LETTER E  
 1108A ጀ KAITHI LETTER AI  
 1108B ጀ KAITHI LETTER O  
 1108C ጀ KAITHI LETTER AU

**Consonants**

1108D ጀ KAITHI LETTER KA  
 1108E ጀ KAITHI LETTER KHA  
 1108F ጀ KAITHI LETTER GA  
 11090 ጀ KAITHI LETTER GHA  
 11091 ጀ KAITHI LETTER NGA  
 11092 ጀ KAITHI LETTER CA  
 11093 ጀ KAITHI LETTER CHA  
 11094 ጀ KAITHI LETTER JA  
 11095 ጀ KAITHI LETTER JHA  
 11096 ጀ KAITHI LETTER NYA  
 11097 ጀ KAITHI LETTER TTA  
 11098 ጀ KAITHI LETTER TTHA  
 11099 ጀ KAITHI LETTER DDA  
 1109A ጀ KAITHI LETTER DDDHA  
 $\equiv 11099 \text{ } \circ 110BA \text{ } \circ$   
 1109B ጀ KAITHI LETTER DDHA  
 1109C ጀ KAITHI LETTER RHA  
 $\equiv 1109B \text{ } \circ 110BA \text{ } \circ$   
 1109D ጀ KAITHI LETTER NNA  
 1109E ጀ KAITHI LETTER TA  
 1109F ጀ KAITHI LETTER THA  
 110A0 ጀ KAITHI LETTER DA  
 110A1 ጀ KAITHI LETTER DHA  
 110A2 ጀ KAITHI LETTER NA  
 110A3 ጀ KAITHI LETTER PA  
 110A4 ጀ KAITHI LETTER PHA  
 110A5 ጀ KAITHI LETTER BA  
 110A6 ጀ KAITHI LETTER BHA  
 110A7 ጀ KAITHI LETTER MA  
 110A8 ጀ KAITHI LETTER YA  
 $\bullet$  glyph may be rendered with or without the visible dot

110A9 ጀ KAITHI LETTER RA  
 110AA ጀ KAITHI LETTER LA  
 110AB ጀ KAITHI LETTER VA  
 $\equiv 110A5 \text{ } \circ 110BA \text{ } \circ$   
 110AC ጀ KAITHI LETTER SHA  
 110AD ጀ KAITHI LETTER SSA  
 110AE ጀ KAITHI LETTER SA  
 110AF ጀ KAITHI LETTER HA

**Dependent vowel signs**

110B0 ጀ KAITHI VOWEL SIGN AA  
 110B1 ጀ KAITHI VOWEL SIGN I  
 110B2 ጀ KAITHI VOWEL SIGN II

110B3 ጀ KAITHI VOWEL SIGN U  
 110B4 ጀ KAITHI VOWEL SIGN UU  
 110B5 ጀ KAITHI VOWEL SIGN E  
 110B6 ጀ KAITHI VOWEL SIGN AI  
 110B7 ጀ KAITHI VOWEL SIGN O  
 110B8 ጀ KAITHI VOWEL SIGN AU

**Various signs**

110B9 ጀ KAITHI SIGN VIRAMA  
 110BA ጀ KAITHI SIGN NUKTA  
 110BB ጀ KAITHI ABBREVIATION SIGN  
 110BC ጀ KAITHI ENUMERATION SIGN  
 110BD ጀ KAITHI NUMBER SIGN  
 110BE ጀ KAITHI SECTION MARK  
 $\bullet$  marks end of sentence  
 $\rightarrow 1123B \text{ } \text{—} \text{ } \text{khojki section mark}$   
 110BF ጀ KAITHI DOUBLE SECTION MARK  
 $\bullet$  delimits larger chunks of text, such as paragraphs  
 $\rightarrow 1123C \text{ } \text{—} \text{ } \text{khojki double section mark}$   
 110C0 ጀ KAITHI DANDA  
 110C1 ጀ KAITHI DOUBLE DANDA

	110D	110E	110F
0	၁	၂	၀
1	၃	၄	၁
2	၅	၆	၂
3	၇	၈	၃
4	၉	။	၄
5	၌	၎	၅
6	၈	၁	၆
7	၏	၏	၇
8	၏	၏	၈
9	၏		၉
A	၏		
B	၏		
C	၏		
D	၏		
E	၏		
F	၏		

**Consonants**

- 110D0 ၁ SORA SOMPENG LETTER SAH  
 110D1 ၂ SORA SOMPENG LETTER TAH  
 110D2 ၃ SORA SOMPENG LETTER BAH  
 110D3 ၄ SORA SOMPENG LETTER CAH  
 110D4 ၅ SORA SOMPENG LETTER DAH  
 110D5 ၆ SORA SOMPENG LETTER GAH  
 110D6 ၇ SORA SOMPENG LETTER MAH  
 110D7 ၈ SORA SOMPENG LETTER NGAH  
 110D8 ၉ SORA SOMPENG LETTER LAH  
 110D9 ၁ SORA SOMPENG LETTER NAH  
 110DA ၂ SORA SOMPENG LETTER VAH  
 110DB ၃ SORA SOMPENG LETTER PAH  
 110DC ၄ SORA SOMPENG LETTER YAH  
 110DD ၅ SORA SOMPENG LETTER RAH  
 110DE ၆ SORA SOMPENG LETTER HAH  
 110DF ၇ SORA SOMPENG LETTER KAH  
 110E0 ၈ SORA SOMPENG LETTER JAH  
 110E1 ၉ SORA SOMPENG LETTER NYAH

**Vowels**

- 110E2 ၁ SORA SOMPENG LETTER AH  
 110E3 ၂ SORA SOMPENG LETTER EEH  
 110E4 ၃ SORA SOMPENG LETTER IH  
 110E5 ၄ SORA SOMPENG LETTER UH  
 110E6 ၅ SORA SOMPENG LETTER OH  
 110E7 ၆ SORA SOMPENG LETTER EH

**Other letter**

- 110E8 ၈ SORA SOMPENG LETTER MAE

**Digits**

- 110F0 ၀ SORA SOMPENG DIGIT ZERO  
 110F1 ၁ SORA SOMPENG DIGIT ONE  
 110F2 ၂ SORA SOMPENG DIGIT TWO  
 110F3 ၃ SORA SOMPENG DIGIT THREE  
 110F4 ၄ SORA SOMPENG DIGIT FOUR  
 110F5 ၅ SORA SOMPENG DIGIT FIVE  
 110F6 ၆ SORA SOMPENG DIGIT SIX  
 110F7 ၇ SORA SOMPENG DIGIT SEVEN  
 110F8 ၈ SORA SOMPENG DIGIT EIGHT  
 110F9 ၉ SORA SOMPENG DIGIT NINE

11100

## Chakma

1114F

	1110	1111	1112	1113	1114
0	ঁ	ং	ঃ	ঁ	ঁ
1	ঁ	ঁ	ঁ	ঁ	।
2	ঁ	ঁ	ঁ	ঁ	॥
3	ঁ	ঁ	ঁ	ঁ	ঁ
4	ঁ	ঁ	ঁ	ঁ	
5	ঁ	ঁ	ঁ		
6	ঁ	ঁ	ঁ	০	
7	ঁ	ঁ	ো	ো	
8	ঁ	ঁ	ো	ো	
9	ঁ	ঁ	ো	ো	
A	ঁ	ঁ	ো	ো	
B	ঁ	ঁ	ো	ো	
C	ঁ	ঁ	ো	ো	
D	ঁ	ঁ	ো	ো	
E	ঁ	ঁ	ো	ো	
F	ঁ	ঁ	ো	ো	

11100

Chakma

1113F

**Various signs**

- 11100 ၕ CHAKMA SIGN CANDRABINDU  
= caanaphupudaa  
11101 ၖ CHAKMA SIGN ANUSVARA  
= ekaphudaa  
11102 ၔ CHAKMA SIGN VISARGA  
= dviphudaa

**Independent vowels**

- 11103 ౠ CHAKMA LETTER AA  
= pichapujhaa aa  
11104 ౡ CHAKMA LETTER I  
= delabhaangagaa i  
11105 ౢ CHAKMA LETTER U  
= bacacu u  
11106 ౣ CHAKMA LETTER E  
= lejaubaa e

**Consonants**

- 11107 ౤ CHAKMA LETTER KAA  
= cucyaangyaa kaa  
11108 ౥ CHAKMA LETTER KHAA  
= grajaangyaa khaa  
11109 ౦ CHAKMA LETTER GAA  
= caandyaa gaa  
1110A ౧ CHAKMA LETTER GHAA  
= tinaddaalyaa ghaa  
1110B ౨ CHAKMA LETTER NGAA  
= cilaama ngaa  
1110C ౩ CHAKMA LETTER CAA  
= dvibhalyaa caa  
1110D ౪ CHAKMA LETTER CHAA  
= majaraa chaa  
1110E ౭ CHAKMA LETTER JAA  
= dvipadalaa jaa  
1110F ౯ CHAKMA LETTER JHAA  
= urauraa jhaa  
11110 ౮ CHAKMA LETTER NYAA  
= silaacyaa nyaa  
11111 ౰ CHAKMA LETTER TTAA  
= dviyaadaat ttaa  
11112 ౯ CHAKMA LETTER TTHAA  
= phudaadvyaat tthaa  
11113 ౲ CHAKMA LETTER DDAA  
= aadudaangaat ddaa  
11114 ౯ CHAKMA LETTER DDHAA  
= lejabharaat ddhaa  
11115 ౮ CHAKMA LETTER NNAA  
= petttuyaa nnaa  
11116 ౰ CHAKMA LETTER TAA  
= ghangadaat taa  
11117 ౰ CHAKMA LETTER THAA  
= jagadaat thaa  
11118 ౮ CHAKMA LETTER DAA  
= dolaniit daa  
11119 ౮ CHAKMA LETTER DHAA  
= talamuyaat dhaa  
1111A ౬ CHAKMA LETTER NAA  
= phaarabaanyaa naa  
1111B ౮ CHAKMA LETTER PAA  
= paalyaa paa  
1111C ౮ CHAKMA LETTER PHAA  
= ubaraphudaa phaa  
1111D ౮ CHAKMA LETTER BAA  
= ubaramuyaa baa

- 1111E ౮ CHAKMA LETTER BHAA  
= ciraddaalyaa bhaa  
1111F ౮ CHAKMA LETTER MAA  
= bugatpadalaa maa  
11120 ౮ CHAKMA LETTER YYAA  
= cimayyaa yyaa  
11121 ౮ CHAKMA LETTER YAA  
= jilyaa yaa  
11122 ౮ CHAKMA LETTER RAA  
= dividaayyaa raa  
11123 ౮ CHAKMA LETTER LAA  
= talamuyaa laa  
11124 ౮ CHAKMA LETTER WAA  
= bajhonyaa waa  
11125 ౮ CHAKMA LETTER SAA  
= bhudibukyaa saa  
11126 ౮ CHAKMA LETTER HAA  
= ubaramuyaa haa

**Dependent vowel signs**

- 11127 ౫ CHAKMA VOWEL SIGN A  
= ubaratulyaa a  
11128 ౬ CHAKMA VOWEL SIGN I  
= bahryaa i  
11129 ౬ CHAKMA VOWEL SIGN II  
= baaniiphadada ii  
1112A ౬ CHAKMA VOWEL SIGN U  
= ekattaana u  
1112B ౬ CHAKMA VOWEL SIGN UU  
= dvittaana uu  
1112C ౫ CHAKMA VOWEL SIGN E  
= ekaara e  
1112D ౬ CHAKMA VOWEL SIGN AI  
= delabhaanga ai  
1112E ౬ CHAKMA VOWEL SIGN O  
= okaara o  
≡ 11131 ౬ 11127 ౫  
1112F ౫ CHAKMA VOWEL SIGN AU  
= aukaara au  
≡ 11132 ౬ 11127 ౫  
11130 ౮ CHAKMA VOWEL SIGN OI  
= oikaara oi  
11131 ౬ CHAKMA O MARK  
11132 ౬ CHAKMA AU MARK

**Various signs**

- 11133 ౮ CHAKMA VIRAMA  
• used to form conjuncts  
→ 1039 ౮ myanmar sign virama  
11134 ౮ CHAKMA MAAYYAA  
• killer  
→ 103A ౮ myanmar sign asat

**Digits**

- 11136 ౮ CHAKMA DIGIT ZERO  
11137 ౮ CHAKMA DIGIT ONE  
11138 ౮ CHAKMA DIGIT TWO  
11139 ౮ CHAKMA DIGIT THREE  
1113A ౮ CHAKMA DIGIT FOUR  
1113B ౮ CHAKMA DIGIT FIVE  
1113C ౮ CHAKMA DIGIT SIX  
1113D ౮ CHAKMA DIGIT SEVEN  
1113E ౮ CHAKMA DIGIT EIGHT  
1113F ౮ CHAKMA DIGIT NINE

**Punctuation**

11140 ◸ CHAKMA SECTION MARK

= phulacihna

11141 | CHAKMA DANDA

= ekacilyaa

11142 || CHAKMA DOUBLE DANDA

= dvicilyaa

11143 › CHAKMA QUESTION MARK

= pujhaar

	1115	1116	1117
0	ମୁ	ସ	ସ
1	ବ	ବ	ୟ
2	ତ୍ରୀ	ତ୍ରୀ	ସ୍ତ୍ରୀ
3	କୁ	କୁ	୦
4	ତ୍ରୁ	ତ୍ରୁ	୦
5	ତ୍ରୀ	ତ୍ରୀ	ଲ
6	ସ	କୁ	ଗ୍ରୁ
7	ତ୍ରୀ	ତ୍ରୀ	
8	କୁ	କୁ	
9	କୁ	କୁ	
A	କୁ	କୁ	
B	ତ୍ରୀ	ତ୍ରୀ	
C	କୁ	କୁ	
D	ତ୍ରୀ	ତ୍ରୀ	
E	କୁ	କୁ	
F	ତ୍ରୀ	ତ୍ରୀ	

**Vowels**

- 11150 ମୁ MAHAJANI LETTER A  
 11151 ବ MAHAJANI LETTER I  
 11152 ତ୍ରୀ MAHAJANI LETTER U  
 11153 କୁ MAHAJANI LETTER E  
 11154 ଗ୍ରୁ MAHAJANI LETTER O

**Consonants**

- 11155 ତ୍ରୀ MAHAJANI LETTER KA  
 11156 ତ୍ରୀ MAHAJANI LETTER KHA  
 11157 ତ୍ରୀ MAHAJANI LETTER GA  
 11158 ତ୍ରୀ MAHAJANI LETTER GHA  
 11159 ତ୍ରୀ MAHAJANI LETTER CA  
 1115A ତ୍ରୀ MAHAJANI LETTER CHA  
 1115B ତ୍ରୀ MAHAJANI LETTER JA  
 1115C ତ୍ରୀ MAHAJANI LETTER JHA  
 1115D ତ୍ରୀ MAHAJANI LETTER NYA  
 1115E ତ୍ରୀ MAHAJANI LETTER TTA  
 1115F ତ୍ରୀ MAHAJANI LETTER TTHA  
 11160 ତ୍ରୀ MAHAJANI LETTER DDA  
 11161 ତ୍ରୀ MAHAJANI LETTER DDHA  
 11162 ତ୍ରୀ MAHAJANI LETTER NNA  
 11163 ତ୍ରୀ MAHAJANI LETTER TA  
 11164 ତ୍ରୀ MAHAJANI LETTER THA  
 11165 ତ୍ରୀ MAHAJANI LETTER DA  
 11166 ତ୍ରୀ MAHAJANI LETTER DHA  
 11167 ତ୍ରୀ MAHAJANI LETTER NA  
 11168 ତ୍ରୀ MAHAJANI LETTER PA  
 11169 ତ୍ରୀ MAHAJANI LETTER PHA  
 1116A ତ୍ରୀ MAHAJANI LETTER BA  
 1116B ତ୍ରୀ MAHAJANI LETTER BHA  
 1116C ତ୍ରୀ MAHAJANI LETTER MA  
 1116D ତ୍ରୀ MAHAJANI LETTER RA  
 1116E ତ୍ରୀ MAHAJANI LETTER LA  
 1116F ତ୍ରୀ MAHAJANI LETTER VA  
 11170 ତ୍ରୀ MAHAJANI LETTER SA  
 11171 ତ୍ରୀ MAHAJANI LETTER HA  
 11172 ତ୍ରୀ MAHAJANI LETTER RRA

**Sign**

- 11173 ୦ MAHAJANI SIGN NUKTA

**Punctuation**

- 11174 ୦ MAHAJANI ABBREVIATION SIGN  
 11175 ଲ MAHAJANI SECTION MARK

**Word ligature**

- 11176 ଶ୍ରୀ MAHAJANI LIGATURE SHRI

	1118	1119	111A	111B	111C	111D
0	୦ 11180	୧୯ 11190	୩ 111A0	୪ 111B0	ୠୟ 111C0	• 111D0
1	୨ 11181	୯ 11191	୮ 111A1	୫ 111B1	୯ 111C1	୦ 111D1
2	୧୦୧୦ 11182	୧୯୧୦ 11192	୧୧୧୦ 111A2	୧୧୧୨ 111B2	୧୧୧୨୧୦ 111C2	୧୧୧୨୦୦ 111D2
3	୮୮ 11183	୮୯ 11193	୮୮୯ 111A3	୮୯୯୮ 111B3	୮୯୯୯୮୯ 111C3	୮୯୯୯୯୯୯୯ 111D3
4	୮୯୯୯୯୯୯୯ 11184	୯୯୯୯୯୯୯୯ 11194	୯୯୯୯୯୯୯୯ 111A4	୯୯୯୯୯୯୯୯ 111B4	୯୯୯୯୯୯୯୯ 111C4	୯୯୯୯୯୯୯୯ 111D4
5	୯୯୯୯୯୯୯୯ 11185	୯୯୯୯୯୯୯୯ 11195	୯୯୯୯୯୯୯୯ 111A5	୯୯୯୯୯୯୯୯ 111B5	୯୯୯୯୯୯୯୯ 111C5	୯୯୯୯୯୯୯୯ 111D5
6	୯୯୯୯୯୯୯୯ 11186	୯୯୯୯୯୯୯୯ 11196	୯୯୯୯୯୯୯୯ 111A6	୯୯୯୯୯୯୯୯ 111B6	୯୯୯୯୯୯୯୯ 111C6	୯୯୯୯୯୯୯୯ 111D6
7	୯୯୯୯୯୯୯୯ 11187	୯୯୯୯୯୯୯୯ 11197	୯୯୯୯୯୯୯୯ 111A7	୯୯୯୯୯୯୯୯ 111B7	୯୯୯୯୯୯୯୯ 111C7	୯୯୯୯୯୯୯୯ 111D7
8	୯୯୯୯୯୯୯୯ 11188	୯୯୯୯୯୯୯୯ 11198	୯୯୯୯୯୯୯୯ 111A8	୯୯୯୯୯୯୯୯ 111B8	୯୯୯୯୯୯୯୯ 111C8	୯୯୯୯୯୯୯୯ 111D8
9	୯୯୯୯୯୯୯୯ 11189	୯୯୯୯୯୯୯୯ 11199	୯୯୯୯୯୯୯୯ 111A9	୯୯୯୯୯୯୯୯ 111B9	୯୯୯୯୯୯୯୯ 111C9	୯୯୯୯୯୯୯୯ 111D9
A	୯୯୯୯୯୯୯୯ 1118A	୯୯୯୯୯୯୯୯ 1119A	୯୯୯୯୯୯୯୯ 111AA	୯୯୯୯୯୯୯୯ 111BA	୯୯୯୯୯୯୯୯ 111CA	୯୯୯୯୯୯୯୯ 111DA
B	୯୯୯୯୯୯୯୯ 1118B	୯୯୯୯୯୯୯୯ 1119B	୯୯୯୯୯୯୯୯ 111AB	୯୯୯୯୯୯୯୯ 111BB	୯୯୯୯୯୯୯୯ 111CB	୯୯୯୯୯୯୯୯ 111DB
C	୯୯୯୯୯୯୯୯ 1118C	୯୯୯୯୯୯୯୯ 1119C	୯୯୯୯୯୯୯୯ 111AC	୯୯୯୯୯୯୯୯ 111BC	୯୯୯୯୯୯୯୯ 111CC	୯୯୯୯୯୯୯୯ 111DC
D	୯୯୯୯୯୯୯୯ 1118D	୯୯୯୯୯୯୯୯ 1119D	୯୯୯୯୯୯୯୯ 111AD	୯୯୯୯୯୯୯୯ 111BD	୯୯୯୯୯୯୯୯ 111CD	୯୯୯୯୯୯୯୯ 111DD
E	୯୯୯୯୯୯୯୯ 1118E	୯୯୯୯୯୯୯୯ 1119E	୯୯୯୯୯୯୯୯ 111AE	୯୯୯୯୯୯୯୯ 111BE		୯୯୯୯୯୯୯୯ 111DE
F	୯୯୯୯୯୯୯୯ 1118F	୯୯୯୯୯୯୯୯ 1119F	୯୯୯୯୯୯୯୯ 111AF	୯୯୯୯୯୯୯୯ 111BF		୯୯୯୯୯୯୯୯ 111DF

11180

Sharada

111DD

**Various signs**

- 11180 ◦ SHARADA SIGN CANDRABINDU  
 11181 ◦ SHARADA SIGN ANUSVARA  
 11182 ◦: SHARADA SIGN VISARGA

**Independent vowels**

- 11183 ◎ SHARADA LETTER A  
 11184 ◎ SHARADA LETTER AA  
 11185 ◎ SHARADA LETTER I  
 11186 ◎ SHARADA LETTER II  
 11187 ◎ SHARADA LETTER U  
 11188 ◎ SHARADA LETTER UU  
 11189 ◎ SHARADA LETTER VOCALIC R  
 1118A ◎ SHARADA LETTER VOCALIC RR  
 1118B ◎ SHARADA LETTER VOCALIC L  
 1118C ◎ SHARADA LETTER VOCALIC LL  
 1118D ◎ SHARADA LETTER E  
 1118E ◎ SHARADA LETTER AI  
 1118F ◎ SHARADA LETTER O  
 11190 ◎ SHARADA LETTER AU

**Consonants**

- 11191 ◎ SHARADA LETTER KA  
 11192 ◎ SHARADA LETTER KHA  
 11193 ◎ SHARADA LETTER GA  
 11194 ◎ SHARADA LETTER GHA  
 11195 ◎ SHARADA LETTER NGA  
 11196 ◎ SHARADA LETTER CA  
 11197 ◎ SHARADA LETTER CHA  
 11198 ◎ SHARADA LETTER JA  
 11199 ◎ SHARADA LETTER JHA  
 1119A ◎ SHARADA LETTER NYA  
 1119B ◎ SHARADA LETTER TTA  
 1119C ◎ SHARADA LETTER TTSA  
 1119D ◎ SHARADA LETTER DDA  
 1119E ◎ SHARADA LETTER DDHA  
 1119F ◎ SHARADA LETTER NNA  
 111A0 ◎ SHARADA LETTER TA  
 111A1 ◎ SHARADA LETTER THA  
 111A2 ◎ SHARADA LETTER DA  
 111A3 ◎ SHARADA LETTER DHA  
 111A4 ◎ SHARADA LETTER NA  
 111A5 ◎ SHARADA LETTER PA  
 111A6 ◎ SHARADA LETTER PHA  
 111A7 ◎ SHARADA LETTER BA  
 111A8 ◎ SHARADA LETTER BHA  
 111A9 ◎ SHARADA LETTER MA  
 111AA ◎ SHARADA LETTER YA  
 111AB ◎ SHARADA LETTER RA  
 111AC ◎ SHARADA LETTER LA  
 111AD ◎ SHARADA LETTER LLA  
 111AE ◎ SHARADA LETTER VA  
 111AF ◎ SHARADA LETTER SHA  
 111B0 ◎ SHARADA LETTER SSA  
 111B1 ◎ SHARADA LETTER SA  
 111B2 ◎ SHARADA LETTER HA

**Dependent vowel signs**

- 111B3 ◎ SHARADA VOWEL SIGN AA  
 111B4 ◎ SHARADA VOWEL SIGN I  
 111B5 ◎ SHARADA VOWEL SIGN II  
 111B6 ◎ SHARADA VOWEL SIGN U  
 111B7 ◎ SHARADA VOWEL SIGN UU

- 111B8 ◎ SHARADA VOWEL SIGN VOCALIC R  
 111B9 ◎ SHARADA VOWEL SIGN VOCALIC RR  
 111BA ◎ SHARADA VOWEL SIGN VOCALIC L  
 111BB ◎ SHARADA VOWEL SIGN VOCALIC LL  
 111BC ◎ SHARADA VOWEL SIGN E  
 111BD ◎ SHARADA VOWEL SIGN AI  
 111BE ◎ SHARADA VOWEL SIGN O  
 111BF ◎ SHARADA VOWEL SIGN AU

**Virama**

- 111C0 ◎ SHARADA SIGN VIRAMA

**Various signs**

- 111C1 ◎ SHARADA SIGN AVAGRAHA  
 111C2 ◎ SHARADA SIGN JIHVAMULIYA  
 111C3 ◎ SHARADA SIGN UPADHMANIYA  
 111C4 ◎ SHARADA OM
- use of this character is discouraged
  - recommended sequence is 1118F ◎ 11180 ◎

**Punctuation**

- 111C5 ◎ SHARADA DANDA  
 111C6 ◎ SHARADA DOUBLE DANDA  
 111C7 ◎ SHARADA ABBREVIATION SIGN  
 111C8 ◎ SHARADA SEPARATOR  
 111C9 ◎ SHARADA SANDHI MARK
- indicates external sandhi in Sanskrit documents

**Signs for Kashmiri**

- 111CA ◎ SHARADA SIGN NUKTA
- for extending the alphabet to new letters
- 111CB ◎ SHARADA VOWEL MODIFIER MARK
- represents regressive metaphony
- 111CC ◎ SHARADA EXTRA SHORT VOWEL MARK
- used for writing "matra-vowels"
- 111CD ◎ SHARADA SUTRA MARK
- used for indicating the end of a sutra in the Bakhshali manuscript

**Digits**

- 111D0 ◎ SHARADA DIGIT ZERO  
 111D1 ◎ SHARADA DIGIT ONE  
 111D2 ◎ SHARADA DIGIT TWO  
 111D3 ◎ SHARADA DIGIT THREE  
 111D4 ◎ SHARADA DIGIT FOUR  
 111D5 ◎ SHARADA DIGIT FIVE  
 111D6 ◎ SHARADA DIGIT SIX  
 111D7 ◎ SHARADA DIGIT SEVEN  
 111D8 ◎ SHARADA DIGIT EIGHT  
 111D9 ◎ SHARADA DIGIT NINE

**Punctuation**

- 111DA ◎ SHARADA EKAM
- invocation symbol used at the beginning or end of texts
- 111DB ◎ SHARADA SIGN SIDDHAM
- = siddhirastu
  - used at the beginning of texts as an invocation → A8FC ◎ devanagari sign siddham
- 111DC ◎ SHARADA HEADSTROKE
- used for joining words across imperfections → A8FB ◎ devanagari headstroke
- 111DD ◎ SHARADA CONTINUATION SIGN
- indicates a breaking opportunity within a word

**Section marks**

111DE ≈ SHARADA SECTION MARK-1  
111DF ≈ SHARADA SECTION MARK-2

	111E	111F
0		අභ්‍යන්තර 111F0
1	ඛ	ඛ 111E1 111F1
2	ඟ	ඟ 111E2 111F2
3	ග	ග 111E3 111F3
4	ඝ	ඝ 111E4 111F4
5	ඝම	
6	ඝ	
7	ඩැ	
8	ඝ	
9	ඝල	
A	ඝල	
B	ඝ	
C	ඝ	
D	ඝල	
E	ඝල	
F	ඝල	

This number system is also known as Sinhala Illakkam. This number system does not have a zero place holder concept, unlike the Sinhala astrological numbers, Sinhala Lith Illakkam, encoded in the range 0DE6-0DEF.

#### Historical digits

- 111E1 ඔ SINHALA ARCHAIC DIGIT ONE
- 111E2 ඕ SINHALA ARCHAIC DIGIT TWO
- 111E3 ඖ SINHALA ARCHAIC DIGIT THREE
- 111E4 ඗ SINHALA ARCHAIC DIGIT FOUR
- 111E5 ඘ SINHALA ARCHAIC DIGIT FIVE
- 111E6 ඙ SINHALA ARCHAIC DIGIT SIX
- 111E7 ක SINHALA ARCHAIC DIGIT SEVEN
- 111E8 ඔ SINHALA ARCHAIC DIGIT EIGHT
- 111E9 කි SINHALA ARCHAIC DIGIT NINE

#### Historical numbers

- 111EA ඔ SINHALA ARCHAIC NUMBER TEN
- 111EB ඕ SINHALA ARCHAIC NUMBER TWENTY
- 111EC ඖ SINHALA ARCHAIC NUMBER THIRTY
- 111ED ඘ SINHALA ARCHAIC NUMBER FORTY
- 111EE ක SINHALA ARCHAIC NUMBER FIFTY
- 111EF ඔ SINHALA ARCHAIC NUMBER SIXTY
- 111F0 ඔභ්‍යන්තර SINHALA ARCHAIC NUMBER SEVENTY
- 111F1 ඔ SINHALA ARCHAIC NUMBER EIGHTY
- 111F2 ඔ SINHALA ARCHAIC NUMBER NINETY
- 111F3 ඔ ඔ SINHALA ARCHAIC NUMBER ONE HUNDRED
- 111F4 ඔ ඔ SINHALA ARCHAIC NUMBER ONE THOUSAND

	1120	1121	1122	1123	1124
0	ର	ା	କ	ୟ	
1	ଗ	ବ	ମ	ୟ	
2	ତ		ଣ	ୟ	
3	ବ	ର୍ବ	ଏ	ୟେ	
4	ପ	ର୍ବ	ଙ	ୟି	
5	ହ	ର୍ବ	୦ୟ	ୟି	
6	ଶ	ର୍ବ	କ	ୟି	
7	ଖ୍ରୀ	ର୍ବ	ଖ	ୟି	
8	ନ୍ତ୍ରୀ	ର୍ବ	ନ	ୟି	
9	ନ୍ତ୍ରୀ	ର୍ବ	ନ୍ତ୍ରୀ	ୟି	
A	ତ୍ରୀ	ର୍ବ	ତ୍ରୀ	ୟି	
B	ତ୍ରୀ	ର୍ବ	ତ୍ରୀ	ୟି	
C	ତ୍ରୀ	ର୍ବ	ତ୍ରୀ	ୟି	
D	ତ୍ରୀ	ର୍ବ	ତ୍ରୀ	ୟି	
E	ତ୍ରୀ	ର୍ବ	ତ୍ରୀ		
F	ତ୍ରୀ	ର୍ବ	ତ୍ରୀ		

11200

Khojki

1123D

## **Independent vowels**

- |       |    |                  |
|-------|----|------------------|
| 11200 | ؠ  | KHOJKI LETTER A  |
| 11201 | ؠا | KHOJKI LETTER AA |
| 11202 | ؠى | KHOJKI LETTER I  |
| 11203 | ؠو | KHOJKI LETTER U  |
| 11204 | ؠے | KHOJKI LETTER E  |
| 11205 | ؠي | KHOJKI LETTER AI |
| 11206 | ؠو | KHOJKI LETTER O  |
| 11207 | ؠؤ | KHOJKI LETTER AU |

## Consonants

- |       |        |                    |
|-------|--------|--------------------|
| 11208 | ກ      | KHOJKI LETTER KA   |
| 11209 | ຂ      | KHOJKI LETTER KHA  |
| 1120A | ງ      | KHOJKI LETTER GA   |
| 1120B | ຂ      | KHOJKI LETTER GGA  |
| 1120C | ଘ      | KHOJKI LETTER GHA  |
| 1120D | ܃      | KHOJKI LETTER NGA  |
| 1120E | ܄      | KHOJKI LETTER CA   |
| 1120F | ܅      | KHOJKI LETTER CHA  |
| 11210 | ܆      | KHOJKI LETTER JA   |
| 11211 | ܇      | KHOJKI LETTER JJA  |
| 11212 | ܈      | <reserved>         |
| 11213 | ܉      | KHOJKI LETTER NYA  |
| 11214 | ܊      | KHOJKI LETTER TTA  |
| 11215 | ܋      | KHOJKI LETTER TTHA |
| 11216 | ܌      | KHOJKI LETTER DDA  |
| 11217 | ܍      | KHOJKI LETTER DDHA |
| 11218 | ܎      | KHOJKI LETTER NNA  |
| 11219 | ܏      | KHOJKI LETTER TA   |
| 1121A | ܐ      | KHOJKI LETTER THA  |
| 1121B | ܑ      | KHOJKI LETTER DA   |
| 1121C | ܒ      | KHOJKI LETTER DDDA |
| 1121D | ܓ      | KHOJKI LETTER DHA  |
| 1121E | ܔ      | KHOJKI LETTER NA   |
| 1121F | ܕ      | KHOJKI LETTER PA   |
| 11220 | ܖ      | KHOJKI LETTER PHA  |
| 11221 | ܗ      | KHOJKI LETTER BA   |
| 11222 | ܘ      | KHOJKI LETTER BBA  |
| 11223 | ܙ      | KHOJKI LETTER BHA  |
| 11224 | ܚ      | KHOJKI LETTER MA   |
| 11225 | ܛܛܛ    | KHOJKI LETTER YA   |
| 11226 | ܛ      | KHOJKI LETTER RA   |
| 11227 | ܛܛ     | KHOJKI LETTER LA   |
| 11228 | ܛܛܛ    | KHOJKI LETTER VA   |
| 11229 | ܛܛܛܛ   | KHOJKI LETTER SA   |
| 1122A | ܛܛܛܛܛ  | KHOJKI LETTER HA   |
| 1122B | ܛܛܛܛܛܛ | KHOJKI LETTER LLA  |

## **Dependent vowel signs**

- |       |   |                      |
|-------|---|----------------------|
| 1122C | ۞ | KHOJKI VOWEL SIGN AA |
| 1122D | ۞ | KHOJKI VOWEL SIGN I  |
| 1122E | ۞ | KHOJKI VOWEL SIGN II |
| 1122F | ۞ | KHOJKI VOWEL SIGN U  |
| 11230 | ۞ | KHOJKI VOWEL SIGN E  |
| 11231 | ۞ | KHOJKI VOWEL SIGN AI |
| 11232 | ۞ | KHOJKI VOWEL SIGN O  |
| 11233 | ۞ | KHOJKI VOWEL SIGN AU |

## **Various signs**

- 11234 ○ KHOJKI SIGN ANUSVARA
  - 11235 ○ / KHOJKI SIGN VIRAMA
  - 11236 ○ ^ KHOJKI SIGN NUKTA
  - 11237 ○ ° KHOJKI SIGN SHADDA

## Punctuation

- |       |           |   |
|-------|-----------|---|
| 11238 | <b>I</b>  | KHOJKI DANDA  |
| 11239 | <b>II</b> | KHOJKI DOUBLE DANDA   |
| 1123A | <b>:</b>  | KHOJKI WORD SEPARATOR   |
| 1123B | <b>—</b>  | KHOJKI SECTION MARK <ul style="list-style-type: none"> <li>• marks end of sentence</li> <li>→ 110BE — kaithi section mark</li> </ul>  |
| 1123C | <b>=</b>  | KHOJKI DOUBLE SECTION MARK <ul style="list-style-type: none"> <li>• delimits larger chunks of text, such as paragraphs</li> <li>→ 110BF = kaithi double section mark</li> </ul> |
| 1123D | <b>◦</b>  | KHOJKI ABBREVIATION SIGN  |

	1128	1129	112A
0			
1			
2			
3			
4			
5			
6			
7			
8			
9			
A			
B			
C			
D			
E			
F			

**Vowels**

- 11280 MULTANI LETTER A  
 11281 MULTANI LETTER I  
 11282 MULTANI LETTER U  
 11283 MULTANI LETTER E

**Consonants**

- 11284 MULTANI LETTER KA  
 11285 MULTANI LETTER KHA  
 11286 MULTANI LETTER GA  
 11287 <reserved>  
 11288 MULTANI LETTER GHA  
 11289 <reserved>  
 1128A MULTANI LETTER CA  
 1128B MULTANI LETTER CHA  
 1128C MULTANI LETTER JA  
 1128D MULTANI LETTER JJA  
 1128E <reserved>  
 1128F MULTANI LETTER NYA  
 11290 MULTANI LETTER TTA  
 11291 MULTANI LETTER TTHA  
 11292 MULTANI LETTER DDA  
 11293 MULTANI LETTER DDDA  
 = tra  
 11294 MULTANI LETTER DDHA  
 11295 MULTANI LETTER NNA  
 11296 MULTANI LETTER TA  
 11297 MULTANI LETTER THA  
 11298 MULTANI LETTER DA  
 11299 MULTANI LETTER DHA  
 1129A MULTANI LETTER NA  
 1129B MULTANI LETTER PA  
 1129C MULTANI LETTER PHA  
 1129D MULTANI LETTER BA  
 1129E <reserved>  
 1129F MULTANI LETTER BHA  
 112A0 MULTANI LETTER MA  
 112A1 MULTANI LETTER YA  
 112A2 MULTANI LETTER RA  
 112A3 MULTANI LETTER LA  
 112A4 MULTANI LETTER VA  
 112A5 MULTANI LETTER SA  
 112A6 MULTANI LETTER HA  
 112A7 MULTANI LETTER RRA  
 112A8 MULTANI LETTER RHA

**Punctuation**

- 112A9 MULTANI SECTION MARK

	112B	112C	112D	112E	112F
0	મ	ઘ	ર	ઓ	૦
1	મી	ઝો	વુ	ફો	૧
2	રૂ	રો	રુ	ની	૨
3	રૂસ	રૂસ	રૂસ	નીસ	૩
4	ગ્ર	ગ્રો	ગ્રુ	ગ્રોસ	૪
5	બ્રિ	બ્રાન્ડ	ગ્રુ	નો	૫
6	ન્ન	ન્નો	ન્નુ	ન્નોસ	૬
7	ન્ની	ન્નો	ન્નુ	ન્નોસ	૭
8	ન્ની	ન્નો	ન્નુ	ન્નોસ	૮
9	ન્ની	ન્નો	ન્નુ	ન્નોસ	૯
A	ન્ની	ન્નો	ન્નુ	ન્નોસ	
B	ન્ની	ન્નો	ન્નુ		
C	ન્ની	ન્નો	ન્નુ		
D	ન્ની	ન્નો	ન્નુ		
E	ન્ની	ન્નો	ન્નુ		
F	ન્ની	ન્નો	ન્નુ		

**Independent vowels**

112B0	મ	KHUDAWADI LETTER A
112B1	મા	KHUDAWADI LETTER AA
112B2	૮	KHUDAWADI LETTER I
112B3	૯	KHUDAWADI LETTER II
112B4	૦	KHUDAWADI LETTER U
112B5	૧	KHUDAWADI LETTER UU
112B6	૩	KHUDAWADI LETTER E
112B7	૪	KHUDAWADI LETTER AI
112B8	૫	KHUDAWADI LETTER O
112B9	૬	KHUDAWADI LETTER AU

**Consonants**

112BA	ન	KHUDAWADI LETTER KA
112BB	ં	KHUDAWADI LETTER KHA
112BC	ં	KHUDAWADI LETTER GA
112BD	ં	KHUDAWADI LETTER GGA
112BE	ં	KHUDAWADI LETTER GHA
112BF	ં	KHUDAWADI LETTER NGA
112C0	ં	KHUDAWADI LETTER CA
112C1	ં	KHUDAWADI LETTER CHA
112C2	ં	KHUDAWADI LETTER JA
112C3	ં	KHUDAWADI LETTER JJA
112C4	ં	KHUDAWADI LETTER JHA
112C5	ં	KHUDAWADI LETTER NYA
112C6	ં	KHUDAWADI LETTER TTA
112C7	ં	KHUDAWADI LETTER TTAA
112C8	ં	KHUDAWADI LETTER DDA
112C9	ં	KHUDAWADI LETTER DDDA
112CA	ં	KHUDAWADI LETTER RRA
112CB	ં	KHUDAWADI LETTER DDHA
112CC	ં	KHUDAWADI LETTER NNA
112CD	ં	KHUDAWADI LETTER TA
112CE	ં	KHUDAWADI LETTER THA
112CF	ં	KHUDAWADI LETTER DA
112D0	ં	KHUDAWADI LETTER DHA
112D1	ં	KHUDAWADI LETTER NA
112D2	ં	KHUDAWADI LETTER PA
112D3	ં	KHUDAWADI LETTER PHA
112D4	ં	KHUDAWADI LETTER BA
112D5	ં	KHUDAWADI LETTER BBA
112D6	ં	KHUDAWADI LETTER BHA
112D7	ં	KHUDAWADI LETTER MA
112D8	ં	KHUDAWADI LETTER YA
112D9	ં	KHUDAWADI LETTER RA
112DA	ં	KHUDAWADI LETTER LA
112DB	૦	KHUDAWADI LETTER VA
112DC	ં	KHUDAWADI LETTER SHA
112DD	ં	KHUDAWADI LETTER SA
112DE	ં	KHUDAWADI LETTER HA

**Sign**

112DF	૦	KHUDAWADI SIGN ANUSVARA
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**Dependent vowel signs**

112E0	૦િ	KHUDAWADI VOWEL SIGN AA
112E1	૦િ	KHUDAWADI VOWEL SIGN I
112E2	૦િ	KHUDAWADI VOWEL SIGN II
112E3	૦	KHUDAWADI VOWEL SIGN U
112E4	૦િ	KHUDAWADI VOWEL SIGN UU
112E5	૦િ	KHUDAWADI VOWEL SIGN E
112E6	૦િ	KHUDAWADI VOWEL SIGN AI
112E7	૦	KHUDAWADI VOWEL SIGN O

112E8 ૦ કહુડાવાડી વૉવેલ સિન આઉ

**Various signs**

112E9	૦	KHUDAWADI SIGN NUKTA
112EA	૦	KHUDAWADI SIGN VIRAMA

**Digits**

112F0	૦	KHUDAWADI DIGIT ZERO
112F1	૧	KHUDAWADI DIGIT ONE
112F2	૨	KHUDAWADI DIGIT TWO
112F3	૩	KHUDAWADI DIGIT THREE
112F4	૪	KHUDAWADI DIGIT FOUR
112F5	૫	KHUDAWADI DIGIT FIVE
112F6	૬	KHUDAWADI DIGIT SIX
112F7	૭	KHUDAWADI DIGIT SEVEN
112F8	૮	KHUDAWADI DIGIT EIGHT
112F9	૯	KHUDAWADI DIGIT NINE

	1130	1131	1132	1133	1134	1135	1136	1137
0	ഭേത	○	ഈ	ഓ			ഡി	ശ്വ
1	11301	11310	11320	11330	11340		11360	11370
2	ഒ	ബ	ഒ	ബ	ഒ		ം	ക്ക
3	11302	11312	11322	11332	11342		11362	11372
4	ഒ	ബ	ഒ	ബ	ഒ		ം	വി
5	11303	11313	11323	11333	11343		11363	11373
6	ഭേ	ത			ഒ			ഉ
7	11314	11324			11344			11374
5	ശ	ം	ഡ	പ				
6	11305	11315	11325	11335				
6	ശ	പ	ം	പ			ഒ	
7	11306	11316	11326	11336			11366	
7	ഉ	ം	ഡ	ചു	ഒ	ം	ക	
8	11307	11317	11327	11337	11347	11357	11367	
8	ാ	ഡെ	ം	ഹു	ഭേ		ഉ	
9	11308	11318	11328	11338	11348		11368	
9	ഉ	ം		ഹു			ഉ	
A	11309	11319		11339			11369	
A	ഉ	ം	ഉ				ശ	
B	1130A	1131A	1132A				1136A	
B	ഡെ	ം	ഡെ		ഭേ		ശ	
C	1130B	1131B	1132B		ഭേ	ഭേ	ശ	
C	ഡെ	ം	ഡെ		ഭേ	ഭേ	ശ	
D	1130C	1131C	1132C	1133C	ഭേ	ഭേ	ശ	
D	ഡെ	ം	ഡെ	ം	ഭേ	ഭേ	ശ	
E	1130D	1131D	1132D	1133D	ഭേ	ഭേ	ശ	
E	ഡെ	ം	ഡെ	ം	ഭേ	ഭേ	ശ	
F	1130E	1131E	1132E	1133E	ഭേ	ഭേ	ശ	
F	ഡെ	ം	ഡെ	ം	ഭേ	ഭേ	ശ	
F	1130F	1131F	1132F	1133F			1135F	

**Various signs**

- 11301 ච GRANCHA SIGN CANDRABINDU  
 11302 ඡ GRANCHA SIGN ANUSVARA  
 11303 ජ GRANCHA SIGN VISARGA

**Independent vowels**

- 11305 ඃ GRANCHA LETTER A  
 11306 අ GRANCHA LETTER AA  
 11307 ඇ GRANCHA LETTER I  
 11308 ඈ GRANCHA LETTER II  
 11309 ඉ GRANCHA LETTER U  
 1130A ඊ GRANCHA LETTER UU  
 1130B උ GRANCHA LETTER VOCALIC R  
 1130C ඌ GRANCHA LETTER VOCALIC L  
 1130D ඍ <reserved>  
 1130E ඍ <reserved>  
 1130F ඏ GRANCHA LETTER EE  
 11310 එන GRANCHA LETTER AI  
 11311 ඍ <reserved>  
 11312 ඍ <reserved>  
 11313 ඈ GRANCHA LETTER OO  
 11314 එන GRANCHA LETTER AU

**Consonants**

- 11315 ඃ GRANCHA LETTER KA  
 11316 අ GRANCHA LETTER KHA  
 11317 ඇ GRANCHA LETTER GA  
 11318 ඈ GRANCHA LETTER GHA  
 11319 ඉ GRANCHA LETTER NGA  
 1131A උ GRANCHA LETTER CA  
 1131B ඄ GRANCHA LETTER CHA  
 1131C ඇ GRANCHA LETTER JA  
 1131D ආ GRANCHA LETTER JHA  
 1131E උ GRANCHA LETTER NYA  
 1131F උ GRANCHA LETTER TTA  
 11320 ඕ GRANCHA LETTER TTHA  
 11321 ඒ GRANCHA LETTER DDA  
 11322 ඔ GRANCHA LETTER DDHA  
 11323 එන GRANCHA LETTER NNA  
 11324 අ GRANCHA LETTER TA  
 11325 ඈ GRANCHA LETTER THA  
 11326 ඉ GRANCHA LETTER DA  
 11327 ඈ GRANCHA LETTER DHA  
 11328 ඕ GRANCHA LETTER NA  
 11329 ඍ <reserved>  
 1132A උ GRANCHA LETTER PA  
 1132B අ GRANCHA LETTER PHA  
 1132C ඇ GRANCHA LETTER BA  
 1132D ඉ GRANCHA LETTER BHA  
 1132E ඇ GRANCHA LETTER MA  
 1132F ඈ GRANCHA LETTER YA  
 11330 උ GRANCHA LETTER RA  
 11331 ඍ <reserved>  
 11332 උ GRANCHA LETTER LA  
 11333 උ GRANCHA LETTER LLA  
 11334 ඍ <reserved>  
 11335 අ GRANCHA LETTER VA  
 11336 ඇ GRANCHA LETTER SHA  
 11337 ඉ GRANCHA LETTER SSA  
 11338 ඈ GRANCHA LETTER SA  
 11339 උ GRANCHA LETTER HA

**Various signs**

- 1133C ච GRANCHA SIGN NUKTA  
 1133D ජ GRANCHA SIGN AVAGRAHA

**Dependent vowel signs**

- 1133E ං GRANCHA VOWEL SIGN AA  
 1133F ඃ GRANCHA VOWEL SIGN I  
 11340 ඇ GRANCHA VOWEL SIGN II  
 11341 අ GRANCHA VOWEL SIGN U  
 11342 ඉ GRANCHA VOWEL SIGN UU  
 11343 උ GRANCHA VOWEL SIGN VOCALIC R  
 11344 උ GRANCHA VOWEL SIGN VOCALIC RR  
 11345 ඍ <reserved>  
 11346 ඍ <reserved>  
 11347 ඊ GRANCHA VOWEL SIGN EE  
 11348 ඊ <reserved>

**Two-part dependent vowel signs**

- 1134B ඊ <reserved>  
 1134C ඊ <reserved>  
 1134D ඊ <reserved>  
 1134E ඊ <reserved>  
 1134F ඊ <reserved>

**Virama**

- 1134D උ GRANCHA SIGN VIRAMA

**Dependent vowel sign**

- 11357 ඌ GRANCHA AU LENGTH MARK

**Sign**

- 1135D ඍ GRANCHA SIGN PLUTA  
 • vowel-lengthening mark

**Anusvaras**

- 1135E ඉ GRANCHA LETTER VEDIC ANUSVARA  
 1135F උ GRANCHA LETTER VEDIC DOUBLE ANUSVARA

**Independent vowels**

- 11360 උ GRANCHA LETTER VOCALIC RR  
 11361 ඌ GRANCHA LETTER VOCALIC LL

**Dependent vowel signs**

- 11362 ඌ GRANCHA VOWEL SIGN VOCALIC L  
 11363 ඌ GRANCHA VOWEL SIGN VOCALIC LL

**Cantillation marks (svara) for the Samaveda**

*See the similar set of Devanagari svara markers for the Samaveda, encoded in the range A8E0-A8F1.*

- 11366 ච COMBINING GRANCHA DIGIT ZERO  
 11367 ඡ COMBINING GRANCHA DIGIT ONE  
 11368 ඇ COMBINING GRANCHA DIGIT TWO  
 11369 අ COMBINING GRANCHA DIGIT THREE  
 1136A උ COMBINING GRANCHA DIGIT FOUR  
 1136B ඉ COMBINING GRANCHA DIGIT FIVE  
 1136C ඈ COMBINING GRANCHA DIGIT SIX  
 1136D ඍ <reserved>  
 1136E ඍ <reserved>  
 1136F ඍ <reserved>  
 11370 ච COMBINING GRANCHA LETTER A  
 11371 ඡ COMBINING GRANCHA LETTER KA  
 11372 ඇ COMBINING GRANCHA LETTER NA  
 11373 අ COMBINING GRANCHA LETTER VI  
 11374 ඈ COMBINING GRANCHA LETTER PA

	1148	1149	114A	114B	114C	114D
0	ମୁ	ଖୁ	ଦୁ	ତୋ	ଙ୍ଗୁ	ଓୁ
1	ଞ୍ଚୁ	ଗୁ	ଧୁ	ତିଳୁ	ଙ୍ଗାଳୁ	ନୁ
2	ଥୁରୁ	ଘୁ	ନୁ	ତୀଳୁ	ଙ୍ଗାଲୁ	ରୁ
3	ତୁରୁ	ହୁ	ପୁ	ତୁଳୁ	ଙ୍ଗାଳୁ	ମୁ
4	ଜୁରୁ	ଚୁ	ଫୁ	ତୁଳୁ	ଙ୍ଗାଳୁ	ପୁ
5	କୁରୁ	କୁ	ରୁ	ତୁଳୁ	ଙ୍ଗାଳୁ	ଗୁ
6	କୁରୁ	ଜୁ	ତୁ	ତୁଲୁ	ଙ୍ଗାଳୁ	ବୁ
7	କୁରୁ	ନୁ	ମୁ	ତୁଲୁ	ଙ୍ଗାଳୁ	ଦୁ
8	କୁରୁ	ଏସୁ	ଯୁ	ତୁଲୁ		
9	କୁରୁ	ଫୁରୁ	ବୁ	ତୁଲୁ		
A	କୁରୁ	ଠୁରୁ	ଲୁ	ତୁଲୁ		
B	ଏସୁ	ଡୁରୁ	ରୁ	ତୁଲୁ		
C	ଏସୁ	ତୁରୁ	ଶୁ	ତୁଲୁ		
D	ଏସୁ	ଲୁରୁ	ଷୁ	ତୁଲୁ		
E	ଏସୁ	ତୁରୁ	ସୁ	ତୁଲୁ		
F	ଏସୁ	ଥୁରୁ	କୁ	ତୁଲୁ		

The Tirhuta script is also known by the names 'Mithilakshara' and 'Maithili'.

### Sign

11480 TIRHUTA ANJI

### Independent vowels

11481		TIRHUTA LETTER A
11482		TIRHUTA LETTER AA
11483		TIRHUTA LETTER I
11484		TIRHUTA LETTER II
11485		TIRHUTA LETTER U
11486		TIRHUTA LETTER UU
11487		TIRHUTA LETTER VOCALIC R
11488		TIRHUTA LETTER VOCALIC RR
11489		TIRHUTA LETTER VOCALIC L
1148A		TIRHUTA LETTER VOCALIC LL
1148B		TIRHUTA LETTER E
1148C		TIRHUTA LETTER AI
1148D		TIRHUTA LETTER O
1148E		TIRHUTA LETTER AU

### Consonants

1148F		TIRHUTA LETTER KA
11490		TIRHUTA LETTER KHA
11491		TIRHUTA LETTER GA
11492		TIRHUTA LETTER GHA
11493		TIRHUTA LETTER NGA
11494		TIRHUTA LETTER CA
11495		TIRHUTA LETTER CHA
11496		TIRHUTA LETTER JA
11497		TIRHUTA LETTER JHA
11498		TIRHUTA LETTER NYA
11499		TIRHUTA LETTER TTA
1149A		TIRHUTA LETTER TTHA
1149B		TIRHUTA LETTER DDA
1149C		TIRHUTA LETTER DDHA
1149D		TIRHUTA LETTER NNA
1149E		TIRHUTA LETTER TA
1149F		TIRHUTA LETTER THA
114A0		TIRHUTA LETTER DA
114A1		TIRHUTA LETTER DHA
114A2		TIRHUTA LETTER NA
114A3		TIRHUTA LETTER PA
114A4		TIRHUTA LETTER PHA
114A5		TIRHUTA LETTER BA
114A6		TIRHUTA LETTER BHA
114A7		TIRHUTA LETTER MA
114A8		TIRHUTA LETTER YA
114A9		TIRHUTA LETTER RA
114AA		TIRHUTA LETTER LA
114AB		TIRHUTA LETTER VA
114AC		TIRHUTA LETTER SHA
114AD		TIRHUTA LETTER SSA
114AE		TIRHUTA LETTER SA
114AF		TIRHUTA LETTER HA

### Dependent vowel signs

114B0		TIRHUTA VOWEL SIGN AA
114B1		TIRHUTA VOWEL SIGN I
114B2		TIRHUTA VOWEL SIGN II
114B3		TIRHUTA VOWEL SIGN U
114B4		TIRHUTA VOWEL SIGN UU

114B5		TIRHUTA VOWEL SIGN VOCALIC R
114B6		TIRHUTA VOWEL SIGN VOCALIC RR
114B7		TIRHUTA VOWEL SIGN VOCALIC L
114B8		TIRHUTA VOWEL SIGN VOCALIC LL
114B9		TIRHUTA VOWEL SIGN E
114BA		TIRHUTA VOWEL SIGN SHORT E
114BB		TIRHUTA VOWEL SIGN AI ≡ 114B9
114BC		TIRHUTA VOWEL SIGN O ≡ 114B9
114BD		TIRHUTA VOWEL SIGN SHORT O
114BE		TIRHUTA VOWEL SIGN AU ≡ 114B9

### Various signs

114BF		TIRHUTA SIGN CANDRABINDU
114C0		TIRHUTA SIGN ANUSVARA
114C1		TIRHUTA SIGN VISARGA
114C2		TIRHUTA SIGN VIRAMA = halant
114C3		TIRHUTA SIGN NUKTA
114C4		TIRHUTA SIGN AVAGRAHA
114C5		TIRHUTA GVANG = vedic anusvara
114C6		TIRHUTA ABBREVIATION SIGN
114C7		TIRHUTA OM

### Digits

114D0		TIRHUTA DIGIT ZERO
114D1		TIRHUTA DIGIT ONE
114D2		TIRHUTA DIGIT TWO
114D3		TIRHUTA DIGIT THREE
114D4		TIRHUTA DIGIT FOUR
114D5		TIRHUTA DIGIT FIVE
114D6		TIRHUTA DIGIT SIX
114D7		TIRHUTA DIGIT SEVEN
114D8		TIRHUTA DIGIT EIGHT
114D9		TIRHUTA DIGIT NINE

	1158	1159	115A	115B	115C	115D	115E	115F
0	ਸ	ਪ	ਧ	ੴ	੦	ੳ		
11580	11590	115A0	115B0	115C0	115D0			
1	ਸ	ਪ	ਧ	ੰ	ੰ	ੰ		
11581	11591	115A1	115B1	115C1	115D1			
2	ੳ	ੰ	ੰ	ੰ	ੰ	ੰ		
11582	11592	115A2	115B2	115C2	115D2			
3	ੰ	ੰ	ੰ	ੰ	ੰ	ੰ		
11583	11593	115A3	115B3	115C3	115D3			
4	ੰ	ੰ	ੰ	ੰ	ੰ	ੰ		
11584	11594	115A4	115B4	115C4	115D4			
5	ੰ	ੰ	ੰ	ੰ	ੰ	ੰ		
11585	11595	115A5	115B5	115C5	115D5			
6	ੰ	ੰ	ੰ		ੰ	ੰ		
11586	11596	115A6		115C6	115D6			
7	ੰ	ੰ	ੰ		ੰ	ੰ		
11587	11597	115A7		115C7	115D7			
8	ੰ	ੰ	ੰ	ੰ	ੰ	ੰ		
11588	11598	115A8	115B8	115C8	115D8			
9	ੰ	ੰ	ੰ	ੰ	ੰ	ੰ		
11589	11599	115A9	115B9	115C9	115D9			
A	ੰ	ੰ	ੰ	ੰ	ੰ	ੰ		
1158A	1159A	115AA	115BA	115CA	115DA			
B	ੰ	ੰ	ੰ	ੰ	ੰ	ੰ		
1158B	1159B	115AB	115BB	115CB	115DB			
C	ੰ	ੰ	ੰ	ੰ	ੰ			
1158C	1159C	115AC	115BC	115CC				
D	ੰ	ੰ	ੰ	ੰ	ੰ			
1158D	1159D	115AD	115BD	115CD				
E	ੰ	ੰ	ੰ	ੰ	ੰ			
1158E	1159E	115AE	115BE	115CE				
F	ੰ	ੰ	ੰ	ੰ	ੰ			
1158F	1159F	115AF	115BF	115CF				

The script is also known by the name 'Siddhamatrika'.

### Independent vowels

11580	අ	SIDDHAM LETTER A
11581	ඇ	SIDDHAM LETTER AA
11582	ඉ	SIDDHAM LETTER I
11583	උ	SIDDHAM LETTER II
11584	ඌ	SIDDHAM LETTER U
11585	ඍ	SIDDHAM LETTER UU
11586	ඏ	SIDDHAM LETTER VOCALIC R
11587	ඐ	SIDDHAM LETTER VOCALIC RR
11588	එ	SIDDHAM LETTER VOCALIC L
11589	ඒ	SIDDHAM LETTER VOCALIC LL
1158A	ඔ	SIDDHAM LETTER E
1158B	ඕ	SIDDHAM LETTER AI
1158C	ඖ	SIDDHAM LETTER O
1158D	඗	SIDDHAM LETTER AU

### Consonants

1158E	ං	SIDDHAM LETTER KA
1158F	ඃ	SIDDHAM LETTER KHA
11590	඄	SIDDHAM LETTER GA
11591	අ	SIDDHAM LETTER GHA
11592	ආ	SIDDHAM LETTER NGA
11593	ඇ	SIDDHAM LETTER CA
11594	ඈ	SIDDHAM LETTER CHA
11595	ඉ	SIDDHAM LETTER JA
11596	ඊ	SIDDHAM LETTER JHA
11597	උ	SIDDHAM LETTER NYA
11598	ඌ	SIDDHAM LETTER TTA
11599	ඍ	SIDDHAM LETTER TTHA
1159A	ඎ	SIDDHAM LETTER DDA
1159B	ඏ	SIDDHAM LETTER DDHA
1159C	එ	SIDDHAM LETTER NNA
1159D	ඒ	SIDDHAM LETTER TA
1159E	ඓ	SIDDHAM LETTER THA
1159F	ඔ	SIDDHAM LETTER DA
115A0	ඕ	SIDDHAM LETTER DHA
115A1	ඖ	SIDDHAM LETTER NA
115A2	඗	SIDDHAM LETTER PA
115A3	඘	SIDDHAM LETTER PHA
115A4	඙	SIDDHAM LETTER BA
115A5	ක	SIDDHAM LETTER BHA
115A6	ඛ	SIDDHAM LETTER MA
115A7	ඟ	SIDDHAM LETTER YA
115A8	ච	SIDDHAM LETTER RA
115A9	ඡ	SIDDHAM LETTER LA
115AA	ජ	SIDDHAM LETTER VA
115AB	ඣ	SIDDHAM LETTER SHA
115AC	ඤ	SIDDHAM LETTER SSA
115AD	ඥ	SIDDHAM LETTER SA
115AE	ඦ	SIDDHAM LETTER HA

### Dependent vowel signs

115AF	ං	SIDDHAM VOWEL SIGN AA
115B0	ඇ	SIDDHAM VOWEL SIGN I
115B1	ඉ	SIDDHAM VOWEL SIGN II
115B2	ඉ	SIDDHAM VOWEL SIGN U
115B3	උ	SIDDHAM VOWEL SIGN UU
115B4	එ	SIDDHAM VOWEL SIGN VOCALIC R
115B5	ඒ	SIDDHAM VOWEL SIGN VOCALIC RR
115B6	ඔ	<reserved>
115B7	ඔ	<reserved>

115B8	ං	SIDDHAM VOWEL SIGN E
115B9	ඇ	SIDDHAM VOWEL SIGN AI
115BA	ඉ	SIDDHAM VOWEL SIGN O
		≡ 115B8 ං 115AF ං
115BB	ඉ	SIDDHAM VOWEL SIGN AU
		≡ 115B9 ඉ 115AF ං

### Various signs

115BC	ඁ	SIDDHAM SIGN CANDRABINDU
115BD	ං	SIDDHAM SIGN ANUSVARA
115BE	ං:	SIDDHAM SIGN VISARGA
115BF	ං	SIDDHAM SIGN VIRAMA
115C0	ං	SIDDHAM SIGN NUKTA

- used for writing foreign sounds

### Head mark

115C1	ං	SIDDHAM SIGN SIDDHAM
		= siddhirastu
		• used at the beginning of texts

### Punctuation

115C2	ං	SIDDHAM DANDA
115C3	ඃ	SIDDHAM DOUBLE DANDA
115C4	·	SIDDHAM SEPARATOR DOT

- used for separating syllables and words

115C5	।	SIDDHAM SEPARATOR BAR
		• used for separating syllables and words

### Repetition marks

115C6	ං	SIDDHAM REPETITION MARK-1
115C7	ං	SIDDHAM REPETITION MARK-2
115C8	ං	SIDDHAM REPETITION MARK-3

### Terminal mark

115C9	:::	SIDDHAM END OF TEXT MARK
		• indicates the completion of a text

### Section marks

<i>These characters are used at the end of a section or text</i>		
115CA	ං	SIDDHAM SECTION MARK WITH TRIDENT AND U-SHAPED ORNAMENTS
115CB	ං	SIDDHAM SECTION MARK WITH TRIDENT AND DOTTED CRESCENTS
115CC	ං	SIDDHAM SECTION MARK WITH RAYS AND DOTTED CRESCENTS
115CD	ං	SIDDHAM SECTION MARK WITH RAYS AND DOTTED DOUBLE CRESCENTS
115CE	ං	SIDDHAM SECTION MARK WITH RAYS AND DOTTED TRIPLE CRESCENTS
115CF	ං	SIDDHAM SECTION MARK DOUBLE RING
115D0	ං	SIDDHAM SECTION MARK DOUBLE RING WITH RAYS
115D1	ං	SIDDHAM SECTION MARK WITH DOUBLE CRESCENTS
115D2	ං	SIDDHAM SECTION MARK WITH TRIPLE CRESCENTS
115D3	ං	SIDDHAM SECTION MARK WITH QUADRUPLE CRESCENTS
115D4	ං	SIDDHAM SECTION MARK WITH SEPTUPLE CRESCENTS
115D5	ං	SIDDHAM SECTION MARK WITH CIRCLES AND RAYS
115D6	ං	SIDDHAM SECTION MARK WITH CIRCLES AND TWO ENCLOSURES
115D7	ං	SIDDHAM SECTION MARK WITH CIRCLES AND FOUR ENCLOSURES

115D8

Siddham

115DB

**Alternate letters**

- 115D8 ፳ SIDDHAM LETTER THREE-CIRCLE ALTERNATE I  
→ 11582 ፳ siddham letter i
- 115D9 ፴ SIDDHAM LETTER TWO-CIRCLE ALTERNATE I
- 115DA ፵ SIDDHAM LETTER TWO-CIRCLE ALTERNATE II  
→ 11583 ፵ siddham letter ii
- 115DB ፶ SIDDHAM LETTER ALTERNATE U  
→ 11584 ፶ siddham letter u

	1160	1161	1162	1163	1164	1165
0	ଓ	ଗ	ୟ	ା	ଁ	୦
1	ପ	ଘ	ୟ	ି	ି	୧
2	ତ	ଡ	ତ	ି	ି	୨
3	ର	ତ	ମ	ି	୦	୩
4	ଣ	ତ	ଏ	ି	J	୪
5	କି	କି	ମ	ି		୫
6	କା	କା	ମ	ି		୬
7	କି	କି	ଅ	ି		୭
8	ଲ	ହ	ହ	ି		୮
9	ଲ	ହ	ର	ି		୯
A	ଶ	ଡ	ପ	ି		
B	ଶ	ଦ	ଷ	ା		
C	ଶ	ତ	ଷ	ା		
D	ଶ	ତ	ତ	ି		
E	ମ	ଘ	ଧ	ି		
F	ମ	ତ	କ	ି		

11600

Modi

11659

## **Independent vowels**

- |       |       |                        |
|-------|-------|------------------------|
| 11600 | ଡ     | MODI LETTER A          |
| 11601 | ଏ     | MODI LETTER AA         |
| 11602 | ଈ     | MODI LETTER I          |
| 11603 | ର୍ହ   | MODI LETTER II         |
| 11604 | ଗ୍ରି  | MODI LETTER U          |
| 11605 | ଗ୍ରି  | MODI LETTER UU         |
| 11606 | ଙ୍କ   | MODI LETTER VOCALIC R  |
| 11607 | ଙ୍କ୍ର | MODI LETTER VOCALIC RR |
| 11608 | ଲ୍    | MODI LETTER VOCALIC L  |
| 11609 | ଲ୍ଲୁ  | MODI LETTER VOCALIC LL |
| 1160A | ଏୟୁ   | MODI LETTER E          |
| 1160B | ଏୟି   | MODI LETTER AI         |
| 1160C | ଏୟୋ   | MODI LETTER O          |
| 1160D | ଏୟାୟୁ | MODI LETTER AU         |

## Consonants

- |       |      |                  |
|-------|------|------------------|
| 1160E | କୁ   | MODI LETTER KA   |
| 1160F | ଖୁ   | MODI LETTER KHA  |
| 11610 | ଗୁ   | MODI LETTER GA   |
| 11611 | ଘୁ   | MODI LETTER GHA  |
| 11612 | ଡୁ   | MODI LETTER NGA  |
| 11613 | ଙୁ   | MODI LETTER CA   |
| 11614 | ତୁ   | MODI LETTER CHA  |
| 11615 | ଶୁ   | MODI LETTER JA   |
| 11616 | ଷୁ   | MODI LETTER JHA  |
| 11617 | ଝୁ   | MODI LETTER NYA  |
| 11618 | ହୁ   | MODI LETTER TTA  |
| 11619 | ଠୁ   | MODI LETTER TTHA |
| 1161A | ଡା   | MODI LETTER DDA  |
| 1161B | ନ୍ଦା | MODI LETTER DDHA |
| 1161C | ଏୟା  | MODI LETTER NNA  |
| 1161D | ତା   | MODI LETTER TA   |
| 1161E | ଥା   | MODI LETTER THA  |
| 1161F | ଦା   | MODI LETTER DA   |
| 11620 | ଧା   | MODI LETTER DHA  |
| 11621 | ନା   | MODI LETTER NA   |
| 11622 | ପା   | MODI LETTER PA   |
| 11623 | ଫା   | MODI LETTER PHA  |
| 11624 | ବା   | MODI LETTER BA   |
| 11625 | ଭା   | MODI LETTER BHA  |
| 11626 | ମା   | MODI LETTER MA   |
| 11627 | ଯା   | MODI LETTER YA   |
| 11628 | ରା   | MODI LETTER RA   |
| 11629 | ଲା   | MODI LETTER LA   |
| 1162A | ବା   | MODI LETTER VA   |
| 1162B | ଶା   | MODI LETTER SHA  |
| 1162C | ସ୍ସା | MODI LETTER SSA  |
| 1162D | ସା   | MODI LETTER SA   |
| 1162E | ହା   | MODI LETTER HA   |
| 1162F | ଲ୍ଲା | MODI LETTER LLA  |

## Dependent vowel signs

- |       |       |                            |
|-------|-------|----------------------------|
| 11630 | ଓ     | MODI VOWEL SIGN AA         |
| 11631 | ଡି    | MODI VOWEL SIGN I          |
| 11632 | ଡିୟ   | MODI VOWEL SIGN II         |
| 11633 | ଓୟ    | MODI VOWEL SIGN U          |
| 11634 | ଓୟୁ   | MODI VOWEL SIGN UU         |
| 11635 | ଓୟର   | MODI VOWEL SIGN VOCALIC R  |
| 11636 | ଓୟର୍ର | MODI VOWEL SIGN VOCALIC RR |
| 11637 | ଓୟଲ   | MODI VOWEL SIGN VOCALIC L  |
| 11638 | ଓୟଲ୍ଲ | MODI VOWEL SIGN VOCALIC LL |

- |       |                   |
|-------|-------------------|
| 11639 | MODI VOWEL SIGN E |
| 1163A | MODI VOWEL SIGN A |
| 1163B | MODI VOWEL SIGN O |
| 1163C | MODI VOWEL SIGN U |

## Various signs

- 1163D ○ MODI SIGN ANUSVARA
  - 1163E ○: MODI SIGN VISARGA
  - 1163F ˘ MODI SIGN VIRAMA  
= halant
  - 11640 ᠁ MODI SIGN ARDHACANDRA
    - used for transcribing English

## Punctuation

- 11641 | MODI DANDA
  - 11642 || MODI DOUBLE DANDA
  - 11643 ° MODI ABBREVIATION SIGN

Sign

- 11644 J MODI SIGN HUVA  
• used as an invocation

Digits

- |       |   |                  |
|-------|---|------------------|
| 11650 | ◦ | MODI DIGIT ZERO  |
| 11651 | ◦ | MODI DIGIT ONE   |
| 11652 | ◦ | MODI DIGIT TWO   |
| 11653 | ◦ | MODI DIGIT THREE |
| 11654 | ◦ | MODI DIGIT FOUR  |
| 11655 | ◦ | MODI DIGIT FIVE  |
| 11656 | ◦ | MODI DIGIT SIX   |
| 11657 | ◦ | MODI DIGIT SEVEN |
| 11658 | ◦ | MODI DIGIT EIGHT |
| 11659 | ◦ | MODI DIGIT NINE  |

	1168	1169	116A	116B	116C
0	ଡ	ଙ୍କ	କୁ	୦	•
1	ଠୁ	ଙ୍ଗ	ତୁ	୧	ରୁ
2	ବୁ	ଙ୍ମ	ନୁ	୨	ଢୁ
3	ଶୁ	ଙ୍ଖା	ଯୁ	୩	ଷୁ
4	ଚୁ	ଙ୍କ	ଦୁ	୪	ଘୁ
5	ତୁ	ଙ୍କି	ଳୁ	୫	ଖୁ
6	ଶୁ	ଙ୍କି	ଦୁ	୬	ହୁ
7	କୁ	ଙ୍କି	ଶୁ	୭	ରୁ
8	ଟୁ	ଙ୍କି	ନୁ		ସୁ
9	ତୁ	ଙ୍କି	ତୁ		୬
A	କୁ	ଷ	ଜୁ		
B	ଖୁ	ମ	ଁ		
C	ଗୁ	ପ	ଁ:		
D	ଅୁ	ବୁ	ଁ'		
E	ବୁ	ପୁ	ି		
F	ମୁ	କୁ	ି		

**Independent vowels**

11680	ঁ	TAKRI LETTER A
11681	ং	TAKRI LETTER AA
11682	ঃ	TAKRI LETTER I
11683	঄	TAKRI LETTER II
11684	অ	TAKRI LETTER U
11685	ঊ	TAKRI LETTER UU
11686	ঃ	TAKRI LETTER E
11687	ঃঁ	TAKRI LETTER AI
11688	ঃং	TAKRI LETTER O
11689	ঃ঄	TAKRI LETTER AU

**Consonants**

1168A	ঁ	TAKRI LETTER KA
1168B	ঁ	TAKRI LETTER KHA
1168C	ঁ	TAKRI LETTER GA
1168D	ঁ	TAKRI LETTER GHA
1168E	ঁ	TAKRI LETTER NGA
1168F	ঁ	TAKRI LETTER CA
11690	ঁ	TAKRI LETTER CHA
11691	ঁ	TAKRI LETTER JA
11692	ঁ	TAKRI LETTER JHA
11693	ঁ	TAKRI LETTER NYA
11694	ঁ	TAKRI LETTER TTA
11695	ঁ	TAKRI LETTER TTHA
11696	ঁ	TAKRI LETTER DDA
11697	ঁ	TAKRI LETTER DDHA
11698	ঁ	TAKRI LETTER NNA
11699	ঁ	TAKRI LETTER TA
1169A	ঁ	TAKRI LETTER THA
1169B	ঁ	TAKRI LETTER DA
1169C	ঁ	TAKRI LETTER DHA
1169D	ঁ	TAKRI LETTER NA
1169E	ঁ	TAKRI LETTER PA
1169F	ঁ	TAKRI LETTER PHA
116A0	ঁ	TAKRI LETTER BA
116A1	ঁ	TAKRI LETTER BHA
116A2	ঁ	TAKRI LETTER MA
116A3	ঁ	TAKRI LETTER YA
116A4	ঁ	TAKRI LETTER RA
116A5	ঁ	TAKRI LETTER LA
116A6	ঁ	TAKRI LETTER VA
116A7	ঁ	TAKRI LETTER SHA
116A8	ঁ	TAKRI LETTER SA
116A9	ঁ	TAKRI LETTER HA
116AA	ঁ	TAKRI LETTER RRA

**Various signs**

116AB	ঁ	TAKRI SIGN ANUSVARA
116AC	ঁ:	TAKRI SIGN VISARGA

**Dependent vowel signs**

116AD	ঁ	TAKRI VOWEL SIGN AA
116AE	ঁ	TAKRI VOWEL SIGN I
116AF	ঁ	TAKRI VOWEL SIGN II
116B0	ঁ	TAKRI VOWEL SIGN U
116B1	ঁ	TAKRI VOWEL SIGNUU
116B2	ঁ	TAKRI VOWEL SIGN E
116B3	ঁ	TAKRI VOWEL SIGN AI
116B4	ঁ	TAKRI VOWEL SIGN O
116B5	ঁ	TAKRI VOWEL SIGN AU

**Virama**

116B6	ঁ	TAKRI SIGN VIRAMA
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**Nukta**

116B7	ঁ	TAKRI SIGN NUKTA
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**Digits**

116C0	.	TAKRI DIGIT ZERO
116C1	ঁ	TAKRI DIGIT ONE
116C2	ঁ	TAKRI DIGIT TWO
116C3	ঁ	TAKRI DIGIT THREE
116C4	ঁ	TAKRI DIGIT FOUR
116C5	ঁ	TAKRI DIGIT FIVE
116C6	ঁ	TAKRI DIGIT SIX
116C7	ঁ	TAKRI DIGIT SEVEN
116C8	ঁ	TAKRI DIGIT EIGHT
116C9	ঁ	TAKRI DIGIT NINE

	1170	1171	1172	1173
0	ମ	ବ	ୟ	୦
1	ର	ନ	ୟି	ଙ୍ଗ
2	ତ	ଯନ	ୟୁ	ନ
3	କ	ତ	ୟେ	ଵ୍ୟ
4	ଖ	ଫ	ୟୁର	ପ୍ୟ
5	ଙ୍ଗ	କୁ	ୟୁଲୁ	ମୁଳ
6	ବୁ	ଗ	ୟୁଲୁ	ଶୁଳୁ
7	ହୁ	ଫୁ	ୟୁରୁ	ରୁଲୁ
8	ତୁ	ପୁ	ୟୁରୁଂ	ମୁଲୁଂ
9	ଖୁ	ଫୁ	ୟୁରୁଂ	ପୁଲୁଂ
A	ବୁ			ବୁଲୁଂ
B	ବୁ			ବୁଲୁଂ
C	ବୁ			ବୁଲୁଂ
D	ବୁ	ୟୁ		
E	ବୁ	କୁ		
F	ବୁ	ରୁ		

11700

Ahom

1173F

**Consonants**

- 11700 မ AHOM LETTER KA  
 11701 ။ AHOM LETTER KHA  
 11702 ၈ AHOM LETTER NGA  
 11703 ၏ AHOM LETTER NA  
 11704 ၂ AHOM LETTER TA  
 11705 ၁ AHOM LETTER ALTERNATE TA  
 11706 ၅ AHOM LETTER PA  
 11707 ၆ AHOM LETTER PHA  
 11708 ၇ AHOM LETTER BA  
 11709 ၉ AHOM LETTER MA  
 1170A ၃ AHOM LETTER JA  
 1170B ၄ AHOM LETTER CHA  
 1170C ၈ AHOM LETTER THA  
 1170D ။ AHOM LETTER RA  
 1170E ၅ AHOM LETTER LA  
 1170F ၆ AHOM LETTER SA  
 11710 ၇ AHOM LETTER NYA  
 11711 ၈ AHOM LETTER HA  
 11712 ၏ AHOM LETTER A  
 11713 ၅ AHOM LETTER DA  
 11714 ၈ AHOM LETTER DHA  
 11715 ၉ AHOM LETTER GA  
 11716 ၁ AHOM LETTER ALTERNATE GA  
 11717 ၂ AHOM LETTER GHA  
 11718 ၃ AHOM LETTER BHA  
 11719 ၄ AHOM LETTER JHA

**Medials**

- 1171D ၁ AHOM CONSONANT SIGN MEDIAL LA  
 1171E ၂ AHOM CONSONANT SIGN MEDIAL RA  
 1171F ၃ AHOM CONSONANT SIGN MEDIAL LIGATING RA

**Vowel signs**

- 11720 ၀ AHOM VOWEL SIGN A  
 11721 ၁ AHOM VOWEL SIGN AA  
 11722 ၂ AHOM VOWEL SIGN I  
 11723 ၃ AHOM VOWEL SIGN II  
 11724 ၄ AHOM VOWEL SIGN U  
 11725 ၅ AHOM VOWEL SIGN UU  
 11726 ၆ AHOM VOWEL SIGN E  
 11727 ၇ AHOM VOWEL SIGN AW  
 11728 ၈ AHOM VOWEL SIGN O  
 11729 ၉ AHOM VOWEL SIGN AI  
 1172A ၁ AHOM VOWEL SIGN AM  
 1172B ၂ AHOM SIGN KILLER

**Digits and numbers**

- 11730 ၀ AHOM DIGIT ZERO  
 11731 ၁ AHOM DIGIT ONE  
 11732 ၂ AHOM DIGIT TWO  
 11733 ၃ AHOM DIGIT THREE  
 11734 ၄ AHOM DIGIT FOUR  
 11735 ၅ AHOM DIGIT FIVE  
 11736 ၆ AHOM DIGIT SIX  
 11737 ၇ AHOM DIGIT SEVEN  
 11738 ၈ AHOM DIGIT EIGHT  
 11739 ၉ AHOM DIGIT NINE  
 1173A ၁၀ AHOM NUMBER TEN  
 1173B ၂၀ AHOM NUMBER TWENTY

**Punctuation**

- 1173C ၁ AHOM SIGN SMALL SECTION

- 1173D ၁၁ AHOM SIGN SECTION  
 1173E ၁၂ AHOM SIGN RULAI  
 1173F ၁၃ AHOM SYMBOL VI

	118A	118B	118C	118D	118E	118F
0	V	U	v	w	o	ø
1	ጀ	ጀ	ጀ	ጀ	ጀ	ጀ
2	F	L	f	ጀ	ጀ	ጀ
3	L	ጀ	ጀ	ጀ	ጀ	
4	Y	U	y	w	ጀ	
5	ጀ	O	ጀ	ጀ	ጀ	
6	E	K	ጀ	ጀ	ጀ	
7	ጀ	◊	ጀ	ጀ	ጀ	
8	ጀ	U	ጀ	w	ጀ	
9	Z	ጀ	ጀ	ጀ	ጀ	
A	ጀ	ጀ	ጀ	ጀ	ጀ	
B	ጀ	ጀ	ጀ	ጀ	ጀ	
C	ጀ	T	ጀ	ጀ	ጀ	
D	ጀ	U	ጀ	ጀ	ጀ	
E	E	ጀ	ጀ	ጀ	ጀ	
F	ጀ	ጀ	ጀ	ጀ	ጀ	ጀ

**Uppercase vowels**

- 118A0 **V** WARANG CITI CAPITAL LETTER NGAA  
• functions as an anusvara  
118A1 **J** WARANG CITI CAPITAL LETTER A  
118A2 **F** WARANG CITI CAPITAL LETTER WI  
118A3 **L** WARANG CITI CAPITAL LETTER YU  
118A4 **Y** WARANG CITI CAPITAL LETTER YA  
118A5 **H** WARANG CITI CAPITAL LETTER YO  
118A6 **E** WARANG CITI CAPITAL LETTER II  
118A7 **T** WARANG CITI CAPITAL LETTER UU  
118A8 **V** WARANG CITI CAPITAL LETTER E  
118A9 **Z** WARANG CITI CAPITAL LETTER O

**Uppercase consonants**

- 118AA **ঁ** WARANG CITI CAPITAL LETTER ANG  
118AB **ঁ** WARANG CITI CAPITAL LETTER GA  
118AC **ঁ** WARANG CITI CAPITAL LETTER KO  
118AD **ঁ** WARANG CITI CAPITAL LETTER ENY  
118AE **ঁ** WARANG CITI CAPITAL LETTER YUJ  
118AF **ঁ** WARANG CITI CAPITAL LETTER UC  
118B0 **ঁ** WARANG CITI CAPITAL LETTER ENN  
118B1 **ঁ** WARANG CITI CAPITAL LETTER ODD  
118B2 **ঁ** WARANG CITI CAPITAL LETTER TTE  
118B3 **ঁ** WARANG CITI CAPITAL LETTER NUNG  
118B4 **ঁ** WARANG CITI CAPITAL LETTER DA  
118B5 **ঁ** WARANG CITI CAPITAL LETTER AT  
118B6 **ঁ** WARANG CITI CAPITAL LETTER AM  
118B7 **ঁ** WARANG CITI CAPITAL LETTER BU  
118B8 **ঁ** WARANG CITI CAPITAL LETTER PU  
118B9 **ঁ** WARANG CITI CAPITAL LETTER HIYO  
118BA **ঁ** WARANG CITI CAPITAL LETTER HOLO  
118BB **ঁ** WARANG CITI CAPITAL LETTER HORN  
118BC **ঁ** WARANG CITI CAPITAL LETTER HAR  
118BD **ঁ** WARANG CITI CAPITAL LETTER SSUU  
118BE **ঁ** WARANG CITI CAPITAL LETTER SII  
118BF **ঁ** WARANG CITI CAPITAL LETTER VIYO

**Lowercase vowels**

- 118C0 **v** WARANG CITI SMALL LETTER NGAA  
118C1 **s** WARANG CITI SMALL LETTER A  
118C2 **f** WARANG CITI SMALL LETTER WI  
118C3 **t** WARANG CITI SMALL LETTER YU  
118C4 **y** WARANG CITI SMALL LETTER YA  
118C5 **h** WARANG CITI SMALL LETTER YO  
118C6 **z** WARANG CITI SMALL LETTER II  
118C7 **d** WARANG CITI SMALL LETTER UU  
118C8 **v** WARANG CITI SMALL LETTER E  
118C9 **z** WARANG CITI SMALL LETTER O

**Lowercase consonants**

- 118CA **ঁ** WARANG CITI SMALL LETTER ANG  
118CB **ঁ** WARANG CITI SMALL LETTER GA  
118CC **ঁ** WARANG CITI SMALL LETTER KO  
118CD **ঁ** WARANG CITI SMALL LETTER ENY  
118CE **ঁ** WARANG CITI SMALL LETTER YUJ  
118CF **ঁ** WARANG CITI SMALL LETTER UC  
118D0 **ঁ** WARANG CITI SMALL LETTER ENN  
118D1 **ু** WARANG CITI SMALL LETTER ODD  
118D2 **ু** WARANG CITI SMALL LETTER TTE  
118D3 **ু** WARANG CITI SMALL LETTER NUNG  
118D4 **ু** WARANG CITI SMALL LETTER DA  
118D5 **ু** WARANG CITI SMALL LETTER AT  
118D6 **ু** WARANG CITI SMALL LETTER AM

- 118D7 **ঁ** WARANG CITI SMALL LETTER BU  
118D8 **ু** WARANG CITI SMALL LETTER PU  
118D9 **ু** WARANG CITI SMALL LETTER HIYO  
118DA **ঁ** WARANG CITI SMALL LETTER HOLO  
118DB **ু** WARANG CITI SMALL LETTER HORN  
118DC **ঁ** WARANG CITI SMALL LETTER HAR  
118DD **ু** WARANG CITI SMALL LETTER SSUU  
118DE **ু** WARANG CITI SMALL LETTER SII  
118DF **ু** WARANG CITI SMALL LETTER VIYO

**Digits**

- 118E0 **০** WARANG CITI DIGIT ZERO  
118E1 **১** WARANG CITI DIGIT ONE  
118E2 **২** WARANG CITI DIGIT TWO  
118E3 **৩** WARANG CITI DIGIT THREE  
118E4 **৪** WARANG CITI DIGIT FOUR  
118E5 **৫** WARANG CITI DIGIT FIVE  
118E6 **৬** WARANG CITI DIGIT SIX  
118E7 **৭** WARANG CITI DIGIT SEVEN  
118E8 **৮** WARANG CITI DIGIT EIGHT  
118E9 **৯** WARANG CITI DIGIT NINE

**Numbers**

- 118EA **ঁ** WARANG CITI NUMBER TEN  
118EB **২** WARANG CITI NUMBER TWENTY  
118EC **৩** WARANG CITI NUMBER THIRTY  
118ED **৪** WARANG CITI NUMBER FORTY  
118EE **৫** WARANG CITI NUMBER FIFTY  
118EF **৬** WARANG CITI NUMBER SIXTY  
118F0 **৭** WARANG CITI NUMBER SEVENTY  
118F1 **৮** WARANG CITI NUMBER EIGHTY  
118F2 **৯** WARANG CITI NUMBER NINETY

**Sign**

- 118FF **ঁ** WARANG CITI OM

	11AC	11AD	11AE	11AF
0	፻	፼	፾	:
1	፻	፽	፻	፷
2	፻	፽	፽	፷
3	፻	፻	፻	፻
4	፻	፻	፻	፻
5	፻	፻	፻	፻
6	፻	፻	፻	፻
7	፻	፻	፻	፻
8	፻	፻	፻	፻
9	፻	፻	፻	
A	፻	፻	፻	
B	፻	፻	፻	
C	፻	፻	፻	
D	፻	፻	፻	
E	፻	፻	፻	
F	፻	፻	•	

**Consonants**

11AC0 Ⓛ PAU CIN HAU LETTER PA  
 11AC1 Ⓜ PAU CIN HAU LETTER KA  
 11AC2 Ⓝ PAU CIN HAU LETTER LA  
 11AC3 Ⓞ PAU CIN HAU LETTER MA  
 11AC4 Ⓟ PAU CIN HAU LETTER DA  
 11AC5 Ⓠ PAU CIN HAU LETTER ZA  
 11AC6 Ⓡ PAU CIN HAU LETTER VA  
 11AC7 Ⓢ PAU CIN HAU LETTER NGA  
 11AC8 Ⓣ PAU CIN HAU LETTER HA  
 11AC9 Ⓤ PAU CIN HAU LETTER GA  
 11ACA Ⓥ PAU CIN HAU LETTER KHA  
 11ACB Ⓦ PAU CIN HAU LETTER SA  
 11ACC Ⓧ PAU CIN HAU LETTER BA  
 11ACD Ⓨ PAU CIN HAU LETTER CA  
 11ACE Ⓩ PAU CIN HAU LETTER TA  
 11ACF ⓐ PAU CIN HAU LETTER THA  
 11AD0 ⓑ PAU CIN HAU LETTER NA  
 11AD1 ⓒ PAU CIN HAU LETTER PHA  
 11AD2 ⓓ PAU CIN HAU LETTER RA  
 11AD3 ⓔ PAU CIN HAU LETTER FA  
 11AD4 ⓕ PAU CIN HAU LETTER CHA

11AF7 ⓖ PAU CIN HAU LOW-FALLING TONE FINAL

11AF8 ⓗ PAU CIN HAU GLOTTAL STOP FINAL

**Vowels**

11AD5 Ⓢ PAU CIN HAU LETTER A  
 11AD6 Ⓣ PAU CIN HAU LETTER E  
 11AD7 Ⓤ PAU CIN HAU LETTER I  
 11AD8 Ⓥ PAU CIN HAU LETTER O  
 11AD9 Ⓦ PAU CIN HAU LETTER U  
 11ADA Ⓧ PAU CIN HAU LETTER UA  
 11ADB Ⓨ PAU CIN HAU LETTER IA

**Final consonants**

11ADC ⓙ PAU CIN HAU LETTER FINAL P  
 11ADD ⓚ PAU CIN HAU LETTER FINAL K  
 11ADE ⓛ PAU CIN HAU LETTER FINAL T  
 11ADF ⓜ PAU CIN HAU LETTER FINAL M  
 11AE0 ⓝ PAU CIN HAU LETTER FINAL N  
 11AE1 ⓜ PAU CIN HAU LETTER FINAL L  
 11AE2 ⓟ PAU CIN HAU LETTER FINAL W  
 11AE3 ⓠ PAU CIN HAU LETTER FINAL NG  
 11AE4 ⓡ PAU CIN HAU LETTER FINAL Y

**Tone marks**

11AE5 ⓑ PAU CIN HAU RISING TONE LONG  
 11AE6 ⓒ PAU CIN HAU RISING TONE  
 11AE7 ⓓ PAU CIN HAU SANDHI GLOTTAL STOP  
 11AE8 ⓔ PAU CIN HAU RISING TONE LONG FINAL  
 11AE9 ⓕ PAU CIN HAU RISING TONE FINAL  
 11AEA ⓖ PAU CIN HAU SANDHI GLOTTAL STOP FINAL  
 11AEB ⓗ PAU CIN HAU SANDHI TONE LONG  
 11AEC ⓘ PAU CIN HAU SANDHI TONE  
 11AED ⓙ PAU CIN HAU SANDHI TONE LONG FINAL  
 11AEE ⓚ PAU CIN HAU SANDHI TONE FINAL  
 11AEF ⓛ PAU CIN HAU MID-LEVEL TONE  
 11AF0 ⓜ PAU CIN HAU GLOTTAL STOP VARIANT  
 11AF1 ⓝ PAU CIN HAU MID-LEVEL TONE LONG FINAL  
 11AF2 ⓞ PAU CIN HAU MID-LEVEL TONE FINAL  
 11AF3 ⓟ PAU CIN HAU LOW-FALLING TONE LONG  
 11AF4 ⓠ PAU CIN HAU LOW-FALLING TONE  
 11AF5 ⓡ PAU CIN HAU GLOTTAL STOP  
 11AF6 ⓢ PAU CIN HAU LOW-FALLING TONE LONG FINAL

	1200	1201	1202	1203	1204	1205	1206	1207	1208	1209	120A	120B	120C	120D	120E	120F
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1210	1211	1212	1213	1214	1215	1216	1217	1218	1219	121A	121B	121C	121D	121E	121F
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	1230	1231	1232	1233	1234	1235	1236	1237	1238	1239	123A	123B	123C	123D	123E	123F
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**Signs**

12000	𒂗 CUNEIFORM SIGN A
12001	𒂗 𒀭 CUNEIFORM SIGN A TIMES A
12002	𒂗 𒀭 CUNEIFORM SIGN A TIMES BAD
12003	𒂗 𒀭 CUNEIFORM SIGN A TIMES GAN2 TENU
12004	𒂗 𒀭 CUNEIFORM SIGN A TIMES HA
12005	𒂗 𒀭 CUNEIFORM SIGN A TIMES IGI
12006	𒂗 𒀭 CUNEIFORM SIGN A TIMES LAGAR GUNU
12007	𒂗 𒀭 CUNEIFORM SIGN A TIMES MUSH
12008	𒂗 𒀭 CUNEIFORM SIGN A TIMES SAG
12009	𒂗 𒀭 CUNEIFORM SIGN A2
1200A	𒂗 𒀭 CUNEIFORM SIGN AB
1200B	𒂗 𒀭 CUNEIFORM SIGN AB TIMES ASH2
1200C	𒂗 𒀭 CUNEIFORM SIGN AB TIMES DUN3 GUNU
1200D	𒂗 𒀭 CUNEIFORM SIGN AB TIMES GAL
1200E	𒂗 𒀭 CUNEIFORM SIGN AB TIMES GAN2 TENU
1200F	𒂗 𒀭 CUNEIFORM SIGN AB TIMES HA
12010	𒂗 𒀭 CUNEIFORM SIGN AB TIMES IGI GUNU
12011	𒂗 𒀭 CUNEIFORM SIGN AB TIMES IMIN
12012	𒂗 𒀭 CUNEIFORM SIGN AB TIMES LAGAB
12013	𒂗 𒀭 CUNEIFORM SIGN AB TIMES SHESH
12014	𒂗 𒀭 CUNEIFORM SIGN AB TIMES U PLUS U PLUS U
12015	𒂗 𒀭 CUNEIFORM SIGN AB GUNU
12016	𒂗 𒀭 CUNEIFORM SIGN AB2
12017	𒂗 𒀭 CUNEIFORM SIGN AB2 TIMES BALAG
12018	𒂗 𒀭 CUNEIFORM SIGN AB2 TIMES GAN2 TENU
12019	𒂗 𒀭 CUNEIFORM SIGN AB2 TIMES ME PLUS EN
1201A	𒂗 𒀭 CUNEIFORM SIGN AB2 TIMES SHA3
1201B	𒂗 𒀭 CUNEIFORM SIGN AB2 TIMES TAK4
1201C	𒂗 𒀭 CUNEIFORM SIGN AD
1201D	𒂗 𒀭 CUNEIFORM SIGN AK
1201E	𒂗 𒀭 CUNEIFORM SIGN AK TIMES ERIN2
1201F	𒂗 𒀭 CUNEIFORM SIGN AK TIMES SHITA PLUS GISH
12020	𒂗 𒀭 CUNEIFORM SIGN AL
12021	𒂗 𒀭 CUNEIFORM SIGN AL TIMES AL
12022	𒂗 𒀭 CUNEIFORM SIGN AL TIMES DIM2
12023	𒂗 𒀭 CUNEIFORM SIGN AL TIMES GISH
12024	𒂗 𒀭 CUNEIFORM SIGN AL TIMES HA
12025	𒂗 𒀭 CUNEIFORM SIGN AL TIMES KAD3
12026	𒂗 𒀭 CUNEIFORM SIGN AL TIMES KI
12027	𒂗 𒀭 CUNEIFORM SIGN AL TIMES SHE
12028	𒂗 𒀭 CUNEIFORM SIGN AL TIMES USH
12029	𒂗 𒀭 CUNEIFORM SIGN ALAN
1202A	𒂗 𒀭 CUNEIFORM SIGN ALEPH
1202B	𒂗 𒀭 CUNEIFORM SIGN AMAR
1202C	𒂗 𒀭 CUNEIFORM SIGN AMAR TIMES SHE
1202D	𒂗 𒀭 CUNEIFORM SIGN AN
1202E	𒂗 𒀭 CUNEIFORM SIGN AN OVER AN
1202F	𒂗 𒀭 CUNEIFORM SIGN AN THREE TIMES
12030	𒂗 𒀭 CUNEIFORM SIGN AN PLUS NAGA OPPOSING AN PLUS NAGA
12031	𒂗 𒀭 CUNEIFORM SIGN AN PLUS NAGA SQUARED
12032	𒂗 𒀭 CUNEIFORM SIGN ANSHE
12033	𒂗 𒀭 CUNEIFORM SIGN APIN
12034	𒂗 𒀭 CUNEIFORM SIGN ARAD
12035	𒂗 𒀭 CUNEIFORM SIGN ARAD TIMES KUR
12036	𒂗 𒀭 CUNEIFORM SIGN ARKAB
12037	𒂗 𒀭 CUNEIFORM SIGN ASAL2
12038	𒂗 𒀭 CUNEIFORM SIGN ASH
12039	𒂗 𒀭 CUNEIFORM SIGN ASH ZIDA TENU
1203A	𒂗 𒀭 CUNEIFORM SIGN ASH KABA TENU

1203B	𒂗 𒀭 𒂗 𒀭 CUNEIFORM SIGN ASH OVER ASH TUG2 OVER TUG2 TUG2 OVER TUG2 PAP
1203C	𒂗 𒀭 𒂗 𒀭 CUNEIFORM SIGN ASH OVER ASH OVER ASH
1203D	𒂗 𒀭 𒂗 𒀭 CUNEIFORM SIGN ASH OVER ASH OVER ASH CROSSING ASH OVER ASH OVER ASH
1203E	𒂗 𒀭 𒂗 𒀭 CUNEIFORM SIGN ASH2
1203F	𒂗 𒀭 𒂗 𒀭 CUNEIFORM SIGN ASHGAB
12040	𒂗 𒀭 𒂗 𒀭 CUNEIFORM SIGN BA
12041	𒂗 𒀭 𒂗 𒀭 CUNEIFORM SIGN BAD
12042	𒂗 𒀭 𒂗 𒀭 CUNEIFORM SIGN BAG3
12043	𒂗 𒀭 𒂗 𒀭 CUNEIFORM SIGN BAHAR2
12044	𒂗 𒀭 𒂗 𒀭 CUNEIFORM SIGN BAL
12045	𒂗 𒀭 𒂗 𒀭 CUNEIFORM SIGN BAL OVER BAL
12046	𒂗 𒀭 𒂗 𒀭 CUNEIFORM SIGN BALAG
12047	𒂗 𒀭 𒂗 𒀭 CUNEIFORM SIGN BAR
12048	𒂗 𒀭 𒂗 𒀭 CUNEIFORM SIGN BARA2
12049	𒂗 𒀭 𒂗 𒀭 CUNEIFORM SIGN BI
1204A	𒂗 𒀭 𒂗 𒀭 CUNEIFORM SIGN BI TIMES A
1204B	𒂗 𒀭 𒂗 𒀭 CUNEIFORM SIGN BI TIMES GAR
1204C	𒂗 𒀭 𒂗 𒀭 CUNEIFORM SIGN BI TIMES IGI GUNU
1204D	𒂗 𒀭 𒂗 𒀭 CUNEIFORM SIGN BU
1204E	𒂗 𒀭 𒂗 𒀭 CUNEIFORM SIGN BU OVER BU AB
1204F	𒂗 𒀭 𒂗 𒀭 CUNEIFORM SIGN BU OVER BU UN
12050	𒂗 𒀭 𒂗 𒀭 CUNEIFORM SIGN BU CROSSING BU
12051	𒂗 𒀭 𒂗 𒀭 CUNEIFORM SIGN BULUG
12052	𒂗 𒀭 𒂗 𒀭 CUNEIFORM SIGN BULUG OVER BULUG
12053	𒂗 𒀭 𒂗 𒀭 CUNEIFORM SIGN BUR
12054	𒂗 𒀭 𒂗 𒀭 CUNEIFORM SIGN BUR2
12055	𒂗 𒀭 𒂗 𒀭 CUNEIFORM SIGN DA
12056	𒂗 𒀭 𒂗 𒀭 CUNEIFORM SIGN DAG
12057	𒂗 𒀭 𒂗 𒀭 CUNEIFORM SIGN DAG KISIM5 TIMES A PLUS MASH
12058	𒂗 𒀭 𒂗 𒀭 CUNEIFORM SIGN DAG KISIM5 TIMES AMAR
12059	𒂗 𒀭 𒂗 𒀭 CUNEIFORM SIGN DAG KISIM5 TIMES BALAG
1205A	𒂗 𒀭 𒂗 𒀭 CUNEIFORM SIGN DAG KISIM5 TIMES BI
1205B	𒂗 𒀭 𒂗 𒀭 CUNEIFORM SIGN DAG KISIM5 TIMES GA
1205C	𒂗 𒀭 𒂗 𒀭 CUNEIFORM SIGN DAG KISIM5 TIMES GA PLUS MASH
1205D	𒂗 𒀭 𒂗 𒀭 CUNEIFORM SIGN DAG KISIM5 TIMES GI
1205E	𒂗 𒀭 𒂗 𒀭 CUNEIFORM SIGN DAG KISIM5 TIMES GIR2
1205F	𒂗 𒀭 𒂗 𒀭 CUNEIFORM SIGN DAG KISIM5 TIMES GUD
12060	𒂗 𒀭 𒂗 𒀭 CUNEIFORM SIGN DAG KISIM5 TIMES HA
12061	𒂗 𒀭 𒂗 𒀭 CUNEIFORM SIGN DAG KISIM5 TIMES IR
12062	𒂗 𒀭 𒂗 𒀭 CUNEIFORM SIGN DAG KISIM5 TIMES IR PLUS LU
12063	𒂗 𒀭 𒂗 𒀭 CUNEIFORM SIGN DAG KISIM5 TIMES KAK
12064	𒂗 𒀭 𒂗 𒀭 CUNEIFORM SIGN DAG KISIM5 TIMES LA
12065	𒂗 𒀭 𒂗 𒀭 CUNEIFORM SIGN DAG KISIM5 TIMES LU
12066	𒂗 𒀭 𒂗 𒀭 CUNEIFORM SIGN DAG KISIM5 TIMES LU PLUS MASH2
12067	𒂗 𒀭 𒂗 𒀭 CUNEIFORM SIGN DAG KISIM5 TIMES LUM
12068	𒂗 𒀭 𒂗 𒀭 CUNEIFORM SIGN DAG KISIM5 TIMES NE
12069	𒂗 𒀭 𒂗 𒀭 CUNEIFORM SIGN DAG KISIM5 TIMES PAP PLUS PAP
1206A	𒂗 𒀭 𒂗 𒀭 CUNEIFORM SIGN DAG KISIM5 TIMES SI
1206B	𒂗 𒀭 𒂗 𒀭 CUNEIFORM SIGN DAG KISIM5 TIMES TAK4
1206C	𒂗 𒀭 𒂗 𒀭 CUNEIFORM SIGN DAG KISIM5 TIMES U2 PLUS GIR2
1206D	𒂗 𒀭 𒂗 𒀭 CUNEIFORM SIGN DAG KISIM5 TIMES USH
1206E	𒂗 𒀭 𒂗 𒀭 CUNEIFORM SIGN DAM
1206F	𒂗 𒀭 𒂗 𒀭 CUNEIFORM SIGN DAR
12070	𒂗 𒀭 𒂗 𒀭 CUNEIFORM SIGN DARA3
12071	𒂗 𒀭 𒂗 𒀭 CUNEIFORM SIGN DARA4

12072

Cuneiform

120E4

12072 CUNEIFORM SIGN DI  
 12073 CUNEIFORM SIGN DIB  
 12074 CUNEIFORM SIGN DIM  
 12075 CUNEIFORM SIGN DIM TIMES SHE  
 12076 CUNEIFORM SIGN DIM2  
 12077 CUNEIFORM SIGN DIN  
 12078 CUNEIFORM SIGN DIN KASKAL U GUNU DISH  
 12079 CUNEIFORM SIGN DISH  
 1207A CUNEIFORM SIGN DU  
 1207B CUNEIFORM SIGN DU OVER DU  
 1207C CUNEIFORM SIGN DU GUNU  
 1207D CUNEIFORM SIGN DU SHESHIG  
 1207E CUNEIFORM SIGN DUB  
 1207F CUNEIFORM SIGN DUB TIMES ESH2  
 12080 CUNEIFORM SIGN DUB2  
 12081 CUNEIFORM SIGN DUG  
 12082 CUNEIFORM SIGN DUGUD  
 12083 CUNEIFORM SIGN DUH  
 12084 CUNEIFORM SIGN DUN  
 12085 CUNEIFORM SIGN DUN3  
 12086 CUNEIFORM SIGN DUN3 GUNU  
 12087 CUNEIFORM SIGN DUN3 GUNU GUNU  
 12088 CUNEIFORM SIGN DUN4  
 12089 CUNEIFORM SIGN DUR2  
 1208A CUNEIFORM SIGN E  
 1208B CUNEIFORM SIGN E TIMES PAP  
 1208C CUNEIFORM SIGN E OVER E NUN OVER NUN  
 1208D CUNEIFORM SIGN E2  
 1208E CUNEIFORM SIGN E2 TIMES A PLUS HA PLUS DA  
 1208F CUNEIFORM SIGN E2 TIMES GAR  
 12090 CUNEIFORM SIGN E2 TIMES MI  
 12091 CUNEIFORM SIGN E2 TIMES SAL  
 12092 CUNEIFORM SIGN E2 TIMES SHE  
 12093 CUNEIFORM SIGN E2 TIMES U  
 12094 CUNEIFORM SIGN EDIN  
 12095 CUNEIFORM SIGN EGIR  
 12096 CUNEIFORM SIGN EL  
 12097 CUNEIFORM SIGN EN  
 12098 CUNEIFORM SIGN EN TIMES GAN2  
 12099 CUNEIFORM SIGN EN TIMES GAN2 TENU  
 1209A CUNEIFORM SIGN EN TIMES ME  
 1209B CUNEIFORM SIGN EN CROSSING EN  
 1209C CUNEIFORM SIGN EN OPPOSING EN  
 1209D CUNEIFORM SIGN EN SQUARED  
 1209E CUNEIFORM SIGN EREN  
 1209F CUNEIFORM SIGN ERIN2  
 120A0 CUNEIFORM SIGN ESH2  
 120A1 CUNEIFORM SIGN EZEN  
 120A2 CUNEIFORM SIGN EZEN TIMES A  
 120A3 CUNEIFORM SIGN EZEN TIMES A PLUS LAL  
 120A4 CUNEIFORM SIGN EZEN TIMES A PLUS LAL TIMES LAL  
 120A5 CUNEIFORM SIGN EZEN TIMES AN  
 120A6 CUNEIFORM SIGN EZEN TIMES BAD  
 120A7 CUNEIFORM SIGN EZEN TIMES DUN3 GUNU  
 120A8 CUNEIFORM SIGN EZEN TIMES DUN3 GUNU GUNU  
 120A9 CUNEIFORM SIGN EZEN TIMES HA  
 120AA CUNEIFORM SIGN EZEN TIMES HA GUNU  
 120AB CUNEIFORM SIGN EZEN TIMES IGI GUNU  
 120AC CUNEIFORM SIGN EZEN TIMES KASKAL

120AD CUNEIFORM SIGN EZEN TIMES KASKAL SQUARED  
 120AE CUNEIFORM SIGN EZEN TIMES KU3  
 120AF CUNEIFORM SIGN EZEN TIMES LA  
 120B0 CUNEIFORM SIGN EZEN TIMES LAL TIMES LAL  
 120B1 CUNEIFORM SIGN EZEN TIMES LI  
 120B2 CUNEIFORM SIGN EZEN TIMES LU  
 120B3 CUNEIFORM SIGN EZEN TIMES U2  
 120B4 CUNEIFORM SIGN EZEN TIMES UD  
 120B5 CUNEIFORM SIGN GA  
 120B6 CUNEIFORM SIGN GA GUNU  
 120B7 CUNEIFORM SIGN GA2  
 120B8 CUNEIFORM SIGN GA2 TIMES A PLUS DA PLUS HA  
 120B9 CUNEIFORM SIGN GA2 TIMES A PLUS HA  
 120BA CUNEIFORM SIGN GA2 TIMES A PLUS IGI  
 120BB CUNEIFORM SIGN GA2 TIMES AB2 TENU PLUS TAB  
 120BC CUNEIFORM SIGN GA2 TIMES AN  
 120BD CUNEIFORM SIGN GA2 TIMES ASH  
 120BE CUNEIFORM SIGN GA2 TIMES ASH2 PLUS GAL  
 120BF CUNEIFORM SIGN GA2 TIMES BAD  
 120C0 CUNEIFORM SIGN GA2 TIMES BAR PLUS RA  
 120C1 CUNEIFORM SIGN GA2 TIMES BUR  
 120C2 CUNEIFORM SIGN GA2 TIMES BUR PLUS RA  
 120C3 CUNEIFORM SIGN GA2 TIMES DA  
 120C4 CUNEIFORM SIGN GA2 TIMES DI  
 120C5 CUNEIFORM SIGN GA2 TIMES DIM TIMES SHE  
 120C6 CUNEIFORM SIGN GA2 TIMES DUB  
 120C7 CUNEIFORM SIGN GA2 TIMES EL  
 120C8 CUNEIFORM SIGN GA2 TIMES EL PLUS LA  
 120C9 CUNEIFORM SIGN GA2 TIMES EN  
 120CA CUNEIFORM SIGN GA2 TIMES EN TIMES GAN2 TENU  
 120CB CUNEIFORM SIGN GA2 TIMES GAN2 TENU  
 120CC CUNEIFORM SIGN GA2 TIMES GAR  
 120CD CUNEIFORM SIGN GA2 TIMES GI  
 120CE CUNEIFORM SIGN GA2 TIMES GI4  
 120CF CUNEIFORM SIGN GA2 TIMES GI4 PLUS A  
 120D0 CUNEIFORM SIGN GA2 TIMES GIR2 PLUS SU  
 120D1 CUNEIFORM SIGN GA2 TIMES HA PLUS LU PLUS ESH2  
 120D2 CUNEIFORM SIGN GA2 TIMES HAL  
 120D3 CUNEIFORM SIGN GA2 TIMES HAL PLUS LA  
 120D4 CUNEIFORM SIGN GA2 TIMES HI PLUS LI  
 120D5 CUNEIFORM SIGN GA2 TIMES HUB2  
 120D6 CUNEIFORM SIGN GA2 TIMES IGI GUNU  
 120D7 CUNEIFORM SIGN GA2 TIMES ISH PLUS HU PLUS ASH  
 120D8 CUNEIFORM SIGN GA2 TIMES KAK  
 120D9 CUNEIFORM SIGN GA2 TIMES KASKAL  
 120DA CUNEIFORM SIGN GA2 TIMES KID  
 120DB CUNEIFORM SIGN GA2 TIMES KID PLUS LAL  
 120DC CUNEIFORM SIGN GA2 TIMES KU3 PLUS AN  
 120DD CUNEIFORM SIGN GA2 TIMES LA  
 120DE CUNEIFORM SIGN GA2 TIMES ME PLUS EN  
 120DF CUNEIFORM SIGN GA2 TIMES MI  
 120E0 CUNEIFORM SIGN GA2 TIMES NUN  
 120E1 CUNEIFORM SIGN GA2 TIMES NUN OVER NUN  
 120E2 CUNEIFORM SIGN GA2 TIMES PA  
 120E3 CUNEIFORM SIGN GA2 TIMES SAL  
 120E4 CUNEIFORM SIGN GA2 TIMES SAR

120E5		CUNEIFORM SIGN GA2 TIMES SHE
120E6		CUNEIFORM SIGN GA2 TIMES SHE PLUS TUR
120E7		CUNEIFORM SIGN GA2 TIMES SHID
120E8		CUNEIFORM SIGN GA2 TIMES SUM
120E9		CUNEIFORM SIGN GA2 TIMES TAK4
120EA		CUNEIFORM SIGN GA2 TIMES U
120EB		CUNEIFORM SIGN GA2 TIMES UD
120EC		CUNEIFORM SIGN GA2 TIMES UD PLUS DU
120ED		CUNEIFORM SIGN GA2 OVER GA2
120EE		CUNEIFORM SIGN GABA
120EF		CUNEIFORM SIGN GABA CROSSING GABA
120F0		CUNEIFORM SIGN GAD
120F1		CUNEIFORM SIGN GAD OVER GAD GAR OVER GAR
120F2		CUNEIFORM SIGN GAL
120F3		CUNEIFORM SIGN GAL GAD OVER GAD GAR OVER GAR
120F4		CUNEIFORM SIGN GALAM
120F5		CUNEIFORM SIGN GAM
120F6		CUNEIFORM SIGN GAN
120F7		CUNEIFORM SIGN GAN2
120F8		CUNEIFORM SIGN GAN2 TENU
120F9		CUNEIFORM SIGN GAN2 OVER GAN2
120FA		CUNEIFORM SIGN GAN2 CROSSING GAN2
120FB		CUNEIFORM SIGN GAR
120FC		CUNEIFORM SIGN GAR3
120FD		CUNEIFORM SIGN GASHAN
120FE		CUNEIFORM SIGN GESHTIN
120FF		CUNEIFORM SIGN GESHTIN TIMES KUR
12100		CUNEIFORM SIGN GI
12101		CUNEIFORM SIGN GI TIMES E
12102		CUNEIFORM SIGN GI TIMES U
12103		CUNEIFORM SIGN GI CROSSING GI
12104		CUNEIFORM SIGN GI4
12105		CUNEIFORM SIGN GI4 OVER GI4
12106		CUNEIFORM SIGN GI4 CROSSING GI4
12107		CUNEIFORM SIGN GIDIM
12108		CUNEIFORM SIGN GIR2
12109		CUNEIFORM SIGN GIR2 GUNU
1210A		CUNEIFORM SIGN GIR3
1210B		CUNEIFORM SIGN GIR3 TIMES A PLUS IGI
1210C		CUNEIFORM SIGN GIR3 TIMES GAN2 TENU
1210D		CUNEIFORM SIGN GIR3 TIMES IGI
1210E		CUNEIFORM SIGN GIR3 TIMES LU PLUS IGI
1210F		CUNEIFORM SIGN GIR3 TIMES PA
12110		CUNEIFORM SIGN GISAL
12111		CUNEIFORM SIGN GISH
12112		CUNEIFORM SIGN GISH CROSSING GISH
12113		CUNEIFORM SIGN GISH TIMES BAD
12114		CUNEIFORM SIGN GISH TIMES TAK4
12115		CUNEIFORM SIGN GISH TENU
12116		CUNEIFORM SIGN GU
12117		CUNEIFORM SIGN GU CROSSING GU
12118		CUNEIFORM SIGN GU2
12119		CUNEIFORM SIGN GU2 TIMES KAK
1211A		CUNEIFORM SIGN GU2 TIMES KAK TIMES IGI GUNU
1211B		CUNEIFORM SIGN GU2 TIMES NUN
1211C		CUNEIFORM SIGN GU2 TIMES SAL PLUS TUG2
1211D		CUNEIFORM SIGN GU2 GUNU
1211E		CUNEIFORM SIGN GUD
1211F		CUNEIFORM SIGN GUD TIMES A PLUS KUR
12120		CUNEIFORM SIGN GUD TIMES KUR
12121		CUNEIFORM SIGN GUD OVER GUD LUGAL
12122		CUNEIFORM SIGN GUL
12123		CUNEIFORM SIGN GUM
12124		CUNEIFORM SIGN GUM TIMES SHE
12125		CUNEIFORM SIGN GUR
12126		CUNEIFORM SIGN GUR7
12127		CUNEIFORM SIGN GURUN
12128		CUNEIFORM SIGN GURUSH
12129		CUNEIFORM SIGN HA
1212A		CUNEIFORM SIGN HA TENU
1212B		CUNEIFORM SIGN HA GUNU
1212C		CUNEIFORM SIGN HAL
1212D		CUNEIFORM SIGN HI
1212E		CUNEIFORM SIGN HI TIMES ASH
1212F		CUNEIFORM SIGN HI TIMES ASH2
12130		CUNEIFORM SIGN HI TIMES BAD
12131		CUNEIFORM SIGN HI TIMES DISH
12132		CUNEIFORM SIGN HI TIMES GAD
12133		CUNEIFORM SIGN HI TIMES KIN
12134		CUNEIFORM SIGN HI TIMES NUN
12135		CUNEIFORM SIGN HI TIMES SHE
12136		CUNEIFORM SIGN HI TIMES U
12137		CUNEIFORM SIGN HU
12138		CUNEIFORM SIGN HUB2
12139		CUNEIFORM SIGN HUB2 TIMES AN
1213A		CUNEIFORM SIGN HUB2 TIMES HAL
1213B		CUNEIFORM SIGN HUB2 TIMES KASKAL
1213C		CUNEIFORM SIGN HUB2 TIMES LISH
1213D		CUNEIFORM SIGN HUB2 TIMES UD
1213E		CUNEIFORM SIGN HUL2
1213F		CUNEIFORM SIGN I
12140		CUNEIFORM SIGN IA
12141		CUNEIFORM SIGN IB
12142		CUNEIFORM SIGN IDIM
12143		CUNEIFORM SIGN IDIM OVER IDIM BUR
12144		CUNEIFORM SIGN IDIM OVER IDIM SQUARED
12145		CUNEIFORM SIGN IG
12146		CUNEIFORM SIGN IGI
12147		CUNEIFORM SIGN IGI DIB
12148		CUNEIFORM SIGN IGI RI
12149		CUNEIFORM SIGN IGI OVER IGI SHIR OVER SHIR UD OVER UD
1214A		CUNEIFORM SIGN IGI GUNU
1214B		CUNEIFORM SIGN IL
1214C		CUNEIFORM SIGN IL TIMES GAN2 TENU
1214D		CUNEIFORM SIGN IL2
1214E		CUNEIFORM SIGN IM
1214F		CUNEIFORM SIGN IM TIMES TAK4
12150		CUNEIFORM SIGN IM CROSSING IM
12151		CUNEIFORM SIGN IM OPPOSING IM
12152		CUNEIFORM SIGN IM SQUARED
12153		CUNEIFORM SIGN IMIN
12154		CUNEIFORM SIGN IN
12155		CUNEIFORM SIGN IR
12156		CUNEIFORM SIGN ISH
12157		CUNEIFORM SIGN KA
12158		CUNEIFORM SIGN KA TIMES A
12159		CUNEIFORM SIGN KA TIMES AD
1215A		CUNEIFORM SIGN KA TIMES AD PLUS KU3
1215B		CUNEIFORM SIGN KA TIMES ASH2
1215C		CUNEIFORM SIGN KA TIMES BAD

1215D

Cuneiform

121D0

1215D		CUNEIFORM SIGN KA TIMES BALAG
1215E		CUNEIFORM SIGN KA TIMES BAR
1215F		CUNEIFORM SIGN KA TIMES BI
12160		CUNEIFORM SIGN KA TIMES ERIN2
12161		CUNEIFORM SIGN KA TIMES ESH2
12162		CUNEIFORM SIGN KA TIMES GA
12163		CUNEIFORM SIGN KA TIMES GAL
12164		CUNEIFORM SIGN KA TIMES GAN2 TENU
12165		CUNEIFORM SIGN KA TIMES GAR
12166		CUNEIFORM SIGN KA TIMES GAR PLUS SHA3 PLUS A
12167		CUNEIFORM SIGN KA TIMES GI
12168		CUNEIFORM SIGN KA TIMES GIR2
12169		CUNEIFORM SIGN KA TIMES GISH PLUS SAR
1216A		CUNEIFORM SIGN KA TIMES GISH CROSSING GISH
1216B		CUNEIFORM SIGN KA TIMES GU
1216C		CUNEIFORM SIGN KA TIMES GUR7
1216D		CUNEIFORM SIGN KA TIMES IGI
1216E		CUNEIFORM SIGN KA TIMES IM
1216F		CUNEIFORM SIGN KA TIMES KAK
12170		CUNEIFORM SIGN KA TIMES KI
12171		CUNEIFORM SIGN KA TIMES KID
12172		CUNEIFORM SIGN KA TIMES LI
12173		CUNEIFORM SIGN KA TIMES LU
12174		CUNEIFORM SIGN KA TIMES ME
12175		CUNEIFORM SIGN KA TIMES ME PLUS DU
12176		CUNEIFORM SIGN KA TIMES ME PLUS GI
12177		CUNEIFORM SIGN KA TIMES ME PLUS TE
12178		CUNEIFORM SIGN KA TIMES MI
12179		CUNEIFORM SIGN KA TIMES MI PLUS NUNUZ
1217A		CUNEIFORM SIGN KA TIMES NE
1217B		CUNEIFORM SIGN KA TIMES NUN
1217C		CUNEIFORM SIGN KA TIMES PI
1217D		CUNEIFORM SIGN KA TIMES RU
1217E		CUNEIFORM SIGN KA TIMES SA
1217F		CUNEIFORM SIGN KA TIMES SAR
12180		CUNEIFORM SIGN KA TIMES SHA
12181		CUNEIFORM SIGN KA TIMES SHE
12182		CUNEIFORM SIGN KA TIMES SHID
12183		CUNEIFORM SIGN KA TIMES SHU
12184		CUNEIFORM SIGN KA TIMES SIG
12185		CUNEIFORM SIGN KA TIMES SUHUR
12186		CUNEIFORM SIGN KA TIMES TAR
12187		CUNEIFORM SIGN KA TIMES U
12188		CUNEIFORM SIGN KA TIMES U2
12189		CUNEIFORM SIGN KA TIMES UD
1218A		CUNEIFORM SIGN KA TIMES UMUM TIMES PA
1218B		CUNEIFORM SIGN KA TIMES USH
1218C		CUNEIFORM SIGN KA TIMES ZI
1218D		CUNEIFORM SIGN KA2
1218E		CUNEIFORM SIGN KA2 CROSSING KA2
1218F		CUNEIFORM SIGN KAB
12190		CUNEIFORM SIGN KAD2
12191		CUNEIFORM SIGN KAD3
12192		CUNEIFORM SIGN KAD4
12193		CUNEIFORM SIGN KAD5
12194		CUNEIFORM SIGN KAD5 OVER KAD5
12195		CUNEIFORM SIGN KAK
12196		CUNEIFORM SIGN KAK TIMES IGI GUNU
12197		CUNEIFORM SIGN KAL
12198		CUNEIFORM SIGN KAL TIMES BAD

12199		CUNEIFORM SIGN KAL CROSSING KAL
1219A		CUNEIFORM SIGN KAM2
1219B		CUNEIFORM SIGN KAM4
1219C		CUNEIFORM SIGN KASKAL
1219D		CUNEIFORM SIGN KASKAL LAGAB TIMES U OVER LAGAB TIMES U
1219E		CUNEIFORM SIGN KASKAL OVER KASKAL LAGAB TIMES U OVER LAGAB TIMES U
1219F		CUNEIFORM SIGN KESH2
121A0		CUNEIFORM SIGN KI
121A1		CUNEIFORM SIGN KI TIMES BAD
121A2		CUNEIFORM SIGN KI TIMES U
121A3		CUNEIFORM SIGN KI TIMES UD
121A4		CUNEIFORM SIGN KID
121A5		CUNEIFORM SIGN KIN
121A6		CUNEIFORM SIGN KISAL
121A7		CUNEIFORM SIGN KISH
121A8		CUNEIFORM SIGN KISIMS
121A9		CUNEIFORM SIGN KISIMS OVER KISIMS
121AA		CUNEIFORM SIGN KU
121AB		CUNEIFORM SIGN KU OVER HI TIMES ASH2 KU OVER HI TIMES ASH2
121AC		CUNEIFORM SIGN KU3
121AD		CUNEIFORM SIGN KU4
121AE		CUNEIFORM SIGN KU4 VARIANT FORM
121AF		CUNEIFORM SIGN KU7
121B0		CUNEIFORM SIGN KUL
121B1		CUNEIFORM SIGN KUL GUNU
121B2		CUNEIFORM SIGN KUN
121B3		CUNEIFORM SIGN KUR
121B4		CUNEIFORM SIGN KUR OPPOSING KUR
121B5		CUNEIFORM SIGN KUSHU2
121B6		CUNEIFORM SIGN KWU318
121B7		CUNEIFORM SIGN LA
121B8		CUNEIFORM SIGN LAGAB
121B9		CUNEIFORM SIGN LAGAB TIMES A
121BA		CUNEIFORM SIGN LAGAB TIMES A PLUS DA PLUS HA
121BB		CUNEIFORM SIGN LAGAB TIMES A PLUS GAR
121BC		CUNEIFORM SIGN LAGAB TIMES A PLUS LAL
121BD		CUNEIFORM SIGN LAGAB TIMES AL
121BE		CUNEIFORM SIGN LAGAB TIMES AN
121BF		CUNEIFORM SIGN LAGAB TIMES ASH ZIDA TENU
121C0		CUNEIFORM SIGN LAGAB TIMES BAD
121C1		CUNEIFORM SIGN LAGAB TIMES BI
121C2		CUNEIFORM SIGN LAGAB TIMES DAR
121C3		CUNEIFORM SIGN LAGAB TIMES EN
121C4		CUNEIFORM SIGN LAGAB TIMES GA
121C5		CUNEIFORM SIGN LAGAB TIMES GAR
121C6		CUNEIFORM SIGN LAGAB TIMES GUD
121C7		CUNEIFORM SIGN LAGAB TIMES GUD PLUS GUD
121C8		CUNEIFORM SIGN LAGAB TIMES HA
121C9		CUNEIFORM SIGN LAGAB TIMES HAL
121CA		CUNEIFORM SIGN LAGAB TIMES HI TIMES NUN
121CB		CUNEIFORM SIGN LAGAB TIMES IGI GUNU
121CC		CUNEIFORM SIGN LAGAB TIMES IM
121CD		CUNEIFORM SIGN LAGAB TIMES IM PLUS HA
121CE		CUNEIFORM SIGN LAGAB TIMES IM PLUS LU
121CF		CUNEIFORM SIGN LAGAB TIMES KI
121D0		CUNEIFORM SIGN LAGAB TIMES KIN

121D1		CUNEIFORM SIGN LAGAB TIMES KU3
121D2		CUNEIFORM SIGN LAGAB TIMES KUL
121D3		CUNEIFORM SIGN LAGAB TIMES KUL PLUS HI PLUS A
121D4		CUNEIFORM SIGN LAGAB TIMES LAGAB
121D5		CUNEIFORM SIGN LAGAB TIMES LISH
121D6		CUNEIFORM SIGN LAGAB TIMES LU
121D7		CUNEIFORM SIGN LAGAB TIMES LUL
121D8		CUNEIFORM SIGN LAGAB TIMES ME
121D9		CUNEIFORM SIGN LAGAB TIMES ME PLUS EN
121DA		CUNEIFORM SIGN LAGAB TIMES MUSH
121DB		CUNEIFORM SIGN LAGAB TIMES NE
121DC		CUNEIFORM SIGN LAGAB TIMES SHE PLUS SUM
121DD		CUNEIFORM SIGN LAGAB TIMES SHITA PLUS GISH PLUS ERIN2
121DE		CUNEIFORM SIGN LAGAB TIMES SHITA PLUS GISH TENU
121DF		CUNEIFORM SIGN LAGAB TIMES SHU2
121E0		CUNEIFORM SIGN LAGAB TIMES SHU2 PLUS SHU2
121E1		CUNEIFORM SIGN LAGAB TIMES SUM
121E2		CUNEIFORM SIGN LAGAB TIMES TAG
121E3		CUNEIFORM SIGN LAGAB TIMES TAK4
121E4		CUNEIFORM SIGN LAGAB TIMES TE PLUS A PLUS SU PLUS NA
121E5		CUNEIFORM SIGN LAGAB TIMES U
121E6		CUNEIFORM SIGN LAGAB TIMES U PLUS A
121E7		CUNEIFORM SIGN LAGAB TIMES U PLUS U PLUS U
121E8		CUNEIFORM SIGN LAGAB TIMES U2 PLUS ASH
121E9		CUNEIFORM SIGN LAGAB TIMES UD
121EA		CUNEIFORM SIGN LAGAB TIMES USH
121EB		CUNEIFORM SIGN LAGAB SQUARED
121EC		CUNEIFORM SIGN LAGAR
121ED		CUNEIFORM SIGN LAGAR TIMES SHE
121EE		CUNEIFORM SIGN LAGAR TIMES SHE PLUS SUM
121EF		CUNEIFORM SIGN LAGAR GUNU
121FO		CUNEIFORM SIGN LAGAR GUNU OVER LAGAR GUNU SHE
121F1		CUNEIFORM SIGN LAHSHU
121F2		CUNEIFORM SIGN LAL
121F3		CUNEIFORM SIGN LAL TIMES LAL
121F4		CUNEIFORM SIGN LAM
121F5		CUNEIFORM SIGN LAM TIMES KUR
121F6		CUNEIFORM SIGN LAM TIMES KUR PLUS RU
121F7		CUNEIFORM SIGN LI
121F8		CUNEIFORM SIGN LIL
121F9		CUNEIFORM SIGN LIMMU2
121FA		CUNEIFORM SIGN LISH
121FB		CUNEIFORM SIGN LU
121FC		CUNEIFORM SIGN LU TIMES BAD
121FD		CUNEIFORM SIGN LU2
121FE		CUNEIFORM SIGN LU2 TIMES AL
121FF		CUNEIFORM SIGN LU2 TIMES BAD
12200		CUNEIFORM SIGN LU2 TIMES ESH2
12201		CUNEIFORM SIGN LU2 TIMES ESH2 TENU
12202		CUNEIFORM SIGN LU2 TIMES GAN2 TENU
12203		CUNEIFORM SIGN LU2 TIMES HI TIMES BAD
12204		CUNEIFORM SIGN LU2 TIMES IM
12205		CUNEIFORM SIGN LU2 TIMES KAD2
12206		CUNEIFORM SIGN LU2 TIMES KAD3
12207		CUNEIFORM SIGN LU2 TIMES KAD3 PLUS ASH
12208		CUNEIFORM SIGN LU2 TIMES KI
12209		CUNEIFORM SIGN LU2 TIMES LA PLUS ASH
1220A		CUNEIFORM SIGN LU2 TIMES LAGAB
1220B		CUNEIFORM SIGN LU2 TIMES ME PLUS EN
1220C		CUNEIFORM SIGN LU2 TIMES NE
1220D		CUNEIFORM SIGN LU2 TIMES NU
1220E		CUNEIFORM SIGN LU2 TIMES SI PLUS ASH
1220F		CUNEIFORM SIGN LU2 TIMES SIK2 PLUS BU
12210		CUNEIFORM SIGN LU2 TIMES TUG2
12211		CUNEIFORM SIGN LU2 TENU
12212		CUNEIFORM SIGN LU2 CROSSING LU2
12213		CUNEIFORM SIGN LU2 OPPOSING LU2
12214		CUNEIFORM SIGN LU2 SQUARED
12215		CUNEIFORM SIGN LU2 SHESHIG
12216		CUNEIFORM SIGN LU3
12217		CUNEIFORM SIGN LUGAL
12218		CUNEIFORM SIGN LUGAL OVER LUGAL
12219		CUNEIFORM SIGN LUGAL OPPOSING LUGAL
1221A		CUNEIFORM SIGN LUGAL SHESHIG
1221B		CUNEIFORM SIGN LUH
1221C		CUNEIFORM SIGN LUL
1221D		CUNEIFORM SIGN LUM
1221E		CUNEIFORM SIGN LUM OVER LUM
1221F		CUNEIFORM SIGN LUM OVER LUM GAR OVER GAR
12220		CUNEIFORM SIGN MA
12221		CUNEIFORM SIGN MA TIMES TAK4
12222		CUNEIFORM SIGN MA GUNU
12223		CUNEIFORM SIGN MA2
12224		CUNEIFORM SIGN MAH
12225		CUNEIFORM SIGN MAR
12226		CUNEIFORM SIGN MASH
12227		CUNEIFORM SIGN MASH2
12228		CUNEIFORM SIGN ME
12229		CUNEIFORM SIGN MES
1222A		CUNEIFORM SIGN MI
1222B		CUNEIFORM SIGN MIN
1222C		CUNEIFORM SIGN MU
1222D		CUNEIFORM SIGN MU OVER MU
1222E		CUNEIFORM SIGN MUG
1222F		CUNEIFORM SIGN MUG GUNU
12230		CUNEIFORM SIGN MUNSUB
12231		CUNEIFORM SIGN MURGU2
12232		CUNEIFORM SIGN MUSH
12233		CUNEIFORM SIGN MUSH TIMES A
12234		CUNEIFORM SIGN MUSH TIMES KUR
12235		CUNEIFORM SIGN MUSH TIMES ZA
12236		CUNEIFORM SIGN MUSH OVER MUSH
12237		CUNEIFORM SIGN MUSH OVER MUSH TIMES A PLUS NA
12238		CUNEIFORM SIGN MUSH CROSSING MUSH
12239		CUNEIFORM SIGN MUSH3
1223A		CUNEIFORM SIGN MUSH3 TIMES A
1223B		CUNEIFORM SIGN MUSH3 TIMES A PLUS DI
1223C		CUNEIFORM SIGN MUSH3 TIMES DI
1223D		CUNEIFORM SIGN MUSH3 GUNU
1223E		CUNEIFORM SIGN NA
1223F		CUNEIFORM SIGN NA2
12240		CUNEIFORM SIGN NAGA
12241		CUNEIFORM SIGN NAGA INVERTED
12242		CUNEIFORM SIGN NAGA TIMES SHU TENU
12243		CUNEIFORM SIGN NAGA OPPOSING NAGA
12244		CUNEIFORM SIGN NAGAR

12245	𠁨	CUNEIFORM SIGN NAM NUTILLU
12246	𠁩	CUNEIFORM SIGN NAM
12247	𠁪	CUNEIFORM SIGN NAM2
12248	𠁫	CUNEIFORM SIGN NE
12249	𠁬	CUNEIFORM SIGN NE TIMES A
1224A	𠁭	CUNEIFORM SIGN NE TIMES UD
1224B	𠁮	CUNEIFORM SIGN NE SHESHIG
1224C	𠁯	CUNEIFORM SIGN NI
1224D	𠁰	CUNEIFORM SIGN NI TIMES E
1224E	𠁱	CUNEIFORM SIGN NI2
1224F	𠁲	CUNEIFORM SIGN NIM
12250	𠁳	CUNEIFORM SIGN NIM TIMES GAN2 TENU
12251	𠁴	CUNEIFORM SIGN NIM TIMES GAR PLUS GAN2 TENU
12252	𠁵	CUNEIFORM SIGN NINDA2
12253	𠁶	CUNEIFORM SIGN NINDA2 TIMES AN
12254	𠁷	CUNEIFORM SIGN NINDA2 TIMES ASH
12255	𠁸	CUNEIFORM SIGN NINDA2 TIMES ASH PLUS ASH
12256	𠁹	CUNEIFORM SIGN NINDA2 TIMES GUD
12257	𠁺	CUNEIFORM SIGN NINDA2 TIMES ME PLUS GAN2 TENU
12258	𠁻	CUNEIFORM SIGN NINDA2 TIMES NE
12259	𠁼	CUNEIFORM SIGN NINDA2 TIMES NUN
1225A	𠁽	CUNEIFORM SIGN NINDA2 TIMES SHE
1225B	𠁾	CUNEIFORM SIGN NINDA2 TIMES SHE PLUS A AN
1225C	𠁿	CUNEIFORM SIGN NINDA2 TIMES SHE PLUS ASH
1225D	𠁻	CUNEIFORM SIGN NINDA2 TIMES SHE PLUS ASH PLUS ASH
1225E	𠁻	CUNEIFORM SIGN NINDA2 TIMES U2 PLUS ASH
1225F	𠁻	CUNEIFORM SIGN NINDA2 TIMES USH
12260	𠁻	CUNEIFORM SIGN NISAG
12261	𠁻	CUNEIFORM SIGN NU
12262	𠁻	CUNEIFORM SIGN NU11
12263	𠁻	CUNEIFORM SIGN NUN
12264	𠁻	CUNEIFORM SIGN NUN LAGAR TIMES GAR
12265	𠁻	CUNEIFORM SIGN NUN LAGAR TIMES MASH
12266	𠁻	CUNEIFORM SIGN NUN LAGAR TIMES SAL
12267	𠁻	CUNEIFORM SIGN NUN LAGAR TIMES SAL OVER NUN LAGAR TIMES SAL
12268	𠁻	CUNEIFORM SIGN NUN LAGAR TIMES USH
12269	𠁻	CUNEIFORM SIGN NUN TENU
1226A	𠁻	CUNEIFORM SIGN NUN OVER NUN
1226B	𠁻	CUNEIFORM SIGN NUN CROSSING NUN
1226C	𠁻	CUNEIFORM SIGN NUN CROSSING NUN LAGAR OVER LAGAR
1226D	𠁻	CUNEIFORM SIGN NUNUZ
1226E	𠁻	CUNEIFORM SIGN NUNUZ AB2 TIMES ASHGAB
1226F	𠁻	CUNEIFORM SIGN NUNUZ AB2 TIMES BI
12270	𠁻	CUNEIFORM SIGN NUNUZ AB2 TIMES DUG
12271	𠁻	CUNEIFORM SIGN NUNUZ AB2 TIMES GUD
12272	𠁻	CUNEIFORM SIGN NUNUZ AB2 TIMES IGI GUNU
12273	𠁻	CUNEIFORM SIGN NUNUZ AB2 TIMES KAD3
12274	𠁻	CUNEIFORM SIGN NUNUZ AB2 TIMES LA
12275	𠁻	CUNEIFORM SIGN NUNUZ AB2 TIMES NE
12276	𠁻	CUNEIFORM SIGN NUNUZ AB2 TIMES SILA3
12277	𠁻	CUNEIFORM SIGN NUNUZ AB2 TIMES U2
12278	𠁻	CUNEIFORM SIGN NUNUZ KISIM5 TIMES BI
12279	𠁻	CUNEIFORM SIGN NUNUZ KISIM5 TIMES BI U
1227A	𠁻	CUNEIFORM SIGN PA
1227B	𠁻	CUNEIFORM SIGN PAD
1227C	𠁻	CUNEIFORM SIGN PAN
1227D	𠁻	CUNEIFORM SIGN PAP
1227E	𠁻	CUNEIFORM SIGN PESH2
1227F	𠁻	CUNEIFORM SIGN PI
12280	𠁻	CUNEIFORM SIGN PI TIMES A
12281	𠁻	CUNEIFORM SIGN PI TIMES AB
12282	𠁻	CUNEIFORM SIGN PI TIMES BI
12283	𠁻	CUNEIFORM SIGN PI TIMES BU
12284	𠁻	CUNEIFORM SIGN PI TIMES E
12285	𠁻	CUNEIFORM SIGN PI TIMES I
12286	𠁻	CUNEIFORM SIGN PI TIMES IB
12287	𠁻	CUNEIFORM SIGN PI TIMES U
12288	𠁻	CUNEIFORM SIGN PI TIMES U2
12289	𠁻	CUNEIFORM SIGN PI CROSSING PI
1228A	𠁻	CUNEIFORM SIGN PIRIG
1228B	𠁻	CUNEIFORM SIGN PIRIG TIMES KAL
1228C	𠁻	CUNEIFORM SIGN PIRIG TIMES UD
1228D	𠁻	CUNEIFORM SIGN PIRIG TIMES ZA
1228E	𠁻	CUNEIFORM SIGN PIRIG OPPOSING PIRIG
1228F	𠁻	CUNEIFORM SIGN RA
12290	𠁻	CUNEIFORM SIGN RAB
12291	𠁻	CUNEIFORM SIGN RI
12292	𠁻	CUNEIFORM SIGN RU
12293	𠁻	CUNEIFORM SIGN SA
12294	𠁻	CUNEIFORM SIGN SAG NUTILLU
12295	𠁻	CUNEIFORM SIGN SAG
12296	𠁻	CUNEIFORM SIGN SAG TIMES A
12297	𠁻	CUNEIFORM SIGN SAG TIMES DU
12298	𠁻	CUNEIFORM SIGN SAG TIMES DUB
12299	𠁻	CUNEIFORM SIGN SAG TIMES HA
1229A	𠁻	CUNEIFORM SIGN SAG TIMES KAK
1229B	𠁻	CUNEIFORM SIGN SAG TIMES KUR
1229C	𠁻	CUNEIFORM SIGN SAG TIMES LUM
1229D	𠁻	CUNEIFORM SIGN SAG TIMES MI
1229E	𠁻	CUNEIFORM SIGN SAG TIMES NUN
1229F	𠁻	CUNEIFORM SIGN SAG TIMES SAL
122A0	𠁻	CUNEIFORM SIGN SAG TIMES SHID
122A1	𠁻	CUNEIFORM SIGN SAG TIMES TAB
122A2	𠁻	CUNEIFORM SIGN SAG TIMES U2
122A3	𠁻	CUNEIFORM SIGN SAG TIMES UB
122A4	𠁻	CUNEIFORM SIGN SAG TIMES UM
122A5	𠁻	CUNEIFORM SIGN SAG TIMES UR
122A6	𠁻	CUNEIFORM SIGN SAG TIMES USH
122A7	𠁻	CUNEIFORM SIGN SAG OVER SAG
122A8	𠁻	CUNEIFORM SIGN SAG GUNU
122A9	𠁻	CUNEIFORM SIGN SAL
122AA	𠁻	CUNEIFORM SIGN SAL LAGAB TIMES ASH2
122AB	𠁻	CUNEIFORM SIGN SANGA2
122AC	𠁻	CUNEIFORM SIGN SAR
122AD	𠁻	CUNEIFORM SIGN SHA
122AE	𠁻	CUNEIFORM SIGN SHA3
122AF	𠁻	CUNEIFORM SIGN SHA3 TIMES A
122B0	𠁻	CUNEIFORM SIGN SHA3 TIMES BAD
122B1	𠁻	CUNEIFORM SIGN SHA3 TIMES GISH
122B2	𠁻	CUNEIFORM SIGN SHA3 TIMES NE
122B3	𠁻	CUNEIFORM SIGN SHA3 TIMES SHU2
122B4	𠁻	CUNEIFORM SIGN SHA3 TIMES TUR
122B5	𠁻	CUNEIFORM SIGN SHA3 TIMES U
122B6	𠁻	CUNEIFORM SIGN SHA3 TIMES U PLUS A
122B7	𠁻	CUNEIFORM SIGN SHA6
122B8	𠁻	CUNEIFORM SIGN SHAB6

122B9	● CUNEIFORM SIGN SHAR2 • formed by making a circular indentation with the end of the stylus	122EF	 CUNEIFORM SIGN TA GUNU
122BA	 CUNEIFORM SIGN SHE	122F0	 CUNEIFORM SIGN TAB
122BB	 CUNEIFORM SIGN SHE HU	122F1	 CUNEIFORM SIGN TAB OVER TAB NI OVER NI DISH OVER DISH
122BC	 CUNEIFORM SIGN SHE OVER SHE GAD OVER GAD GAR OVER GAR	122F2	 CUNEIFORM SIGN TAB SQUARED
122BD	 CUNEIFORM SIGN SHE OVER SHE TAB OVER TAB GAR OVER GAR	122F3	 CUNEIFORM SIGN TAG
122BE	 CUNEIFORM SIGN SHEG9	122F4	 CUNEIFORM SIGN TAG TIMES BI
122BF	 CUNEIFORM SIGN SHEN	122F5	 CUNEIFORM SIGN TAG TIMES GUD
122C0	 CUNEIFORM SIGN SHESH	122F6	 CUNEIFORM SIGN TAG TIMES SHE
122C1	 CUNEIFORM SIGN SHESH2	122F7	 CUNEIFORM SIGN TAG TIMES SHU
122C2	 CUNEIFORM SIGN SHESHLAM	122F8	 CUNEIFORM SIGN TAG TIMES TUG2
122C3	 CUNEIFORM SIGN SHID	122F9	 CUNEIFORM SIGN TAG TIMES UD
122C4	 CUNEIFORM SIGN SHID TIMES A	122FA	 CUNEIFORM SIGN TAK4
122C5	 CUNEIFORM SIGN SHID TIMES IM	122FB	 CUNEIFORM SIGN TAR
122C6	 CUNEIFORM SIGN SHIM	122FC	 CUNEIFORM SIGN TE
122C7	 CUNEIFORM SIGN SHIM TIMES A	122FD	 CUNEIFORM SIGN TE GUNU
122C8	 CUNEIFORM SIGN SHIM TIMES BAL	122FE	 CUNEIFORM SIGN TI
122C9	 CUNEIFORM SIGN SHIM TIMES BULUG	122FF	 CUNEIFORM SIGN TI TENU
122CA	 CUNEIFORM SIGN SHIM TIMES DIN	12300	 CUNEIFORM SIGN TIL
122CB	 CUNEIFORM SIGN SHIM TIMES GAR	12301	 CUNEIFORM SIGN TIR
122CC	 CUNEIFORM SIGN SHIM TIMES IGI	12302	 CUNEIFORM SIGN TIR TIMES TAK4
122CD	 CUNEIFORM SIGN SHIM TIMES IGI GUNU	12303	 CUNEIFORM SIGN TIR OVER TIR
122CE	 CUNEIFORM SIGN SHIM TIMES KUSHU2	12304	 CUNEIFORM SIGN TIR OVER TIR GAD OVER GAD GAR OVER GAR
122CF	 CUNEIFORM SIGN SHIM TIMES LUL	12305	 CUNEIFORM SIGN TU
122D0	 CUNEIFORM SIGN SHIM TIMES MUG	12306	 CUNEIFORM SIGN TUG2
122D1	 CUNEIFORM SIGN SHIM TIMES SAL	12307	 CUNEIFORM SIGN TUK
122D2	 CUNEIFORM SIGN SHINIG	12308	 CUNEIFORM SIGN TUM
122D3	 CUNEIFORM SIGN SHIR	12309	 CUNEIFORM SIGN TUR
122D4	 CUNEIFORM SIGN SHIR TENU × CUNEIFORM SIGN NU11 TENU	1230A	 CUNEIFORM SIGN TUR OVER TUR ZA OVER ZA
122D5	 CUNEIFORM SIGN SHIR OVER SHIR BUR OVER BUR × CUNEIFORM SIGN NU11 OVER NU11 BUR OVER BUR	1230B	 CUNEIFORM SIGN U
122D6	 CUNEIFORM SIGN SHITA	1230C	 CUNEIFORM SIGN U GUD
122D7	 CUNEIFORM SIGN SHU	1230D	 CUNEIFORM SIGN U U
122D8	 CUNEIFORM SIGN SHU OVER INVERTED SHU	1230E	 CUNEIFORM SIGN U OVER U PA OVER PA GAR OVER GAR
122D9	 CUNEIFORM SIGN SHU2	1230F	 CUNEIFORM SIGN U SUR OVER SUR
122DA	 CUNEIFORM SIGN SHUBUR	12310	 CUNEIFORM SIGN U U REVERSED OVER U REVERSED
122DB	 CUNEIFORM SIGN SI	12311	 CUNEIFORM SIGN U2
122DC	 CUNEIFORM SIGN SI GUNU	12312	 CUNEIFORM SIGN UB
122DD	 CUNEIFORM SIGN SIG	12313	 CUNEIFORM SIGN UD
122DE	 CUNEIFORM SIGN SIG4	12314	 CUNEIFORM SIGN UD KUSHU2
122DF	 CUNEIFORM SIGN SIG4 OVER SIG4 SHU2	12315	 CUNEIFORM SIGN UD TIMES BAD
122E0	 CUNEIFORM SIGN SIK2	12316	 CUNEIFORM SIGN UD TIMES MI
122E1	 CUNEIFORM SIGN SILA3	12317	 CUNEIFORM SIGN UD TIMES U PLUS U PLUS U
122E2	 CUNEIFORM SIGN SU	12318	 CUNEIFORM SIGN UD TIMES U PLUS U PLUS U GUNU
122E3	 CUNEIFORM SIGN SU OVER SU	12319	 CUNEIFORM SIGN UD GUNU
122E4	 CUNEIFORM SIGN SUD	1231A	 CUNEIFORM SIGN UD SHESHIG
122E5	 CUNEIFORM SIGN SUD2	1231B	 CUNEIFORM SIGN UD SHESHIG TIMES BAD
122E6	 CUNEIFORM SIGN SUHUR	1231C	 CUNEIFORM SIGN UDUG
122E7	 CUNEIFORM SIGN SUM	1231D	 CUNEIFORM SIGN UM
122E8	 CUNEIFORM SIGN SUMASH	1231E	 CUNEIFORM SIGN UM TIMES LAGAB
122E9	 CUNEIFORM SIGN SUR	1231F	 CUNEIFORM SIGN UM TIMES ME PLUS DA
122EA	 CUNEIFORM SIGN SUR9	12320	 CUNEIFORM SIGN UM TIMES SHA3
122EB	 CUNEIFORM SIGN TA	12321	 CUNEIFORM SIGN UM TIMES U
122EC	 CUNEIFORM SIGN TA ASTERISK	12322	 CUNEIFORM SIGN UMBIN
122ED	 CUNEIFORM SIGN TA TIMES HI	12323	 CUNEIFORM SIGN UMUM
122EE	 CUNEIFORM SIGN TA TIMES MI	12324	 CUNEIFORM SIGN UMUM TIMES KASKAL
		12325	 CUNEIFORM SIGN UMUM TIMES PA
		12326	 CUNEIFORM SIGN UN
		12327	 CUNEIFORM SIGN UN GUNU

12328

Cuneiform

12399

12328		CUNEIFORM SIGN UR
12329		CUNEIFORM SIGN UR CROSSING UR
1232A		CUNEIFORM SIGN UR SHESHIG
1232B		CUNEIFORM SIGN UR2
1232C		CUNEIFORM SIGN UR2 TIMES A PLUS HA
1232D		CUNEIFORM SIGN UR2 TIMES A PLUS NA
1232E		CUNEIFORM SIGN UR2 TIMES AL
1232F		CUNEIFORM SIGN UR2 TIMES HA
12330		CUNEIFORM SIGN UR2 TIMES NUN
12331		CUNEIFORM SIGN UR2 TIMES U2
12332		CUNEIFORM SIGN UR2 TIMES U2 PLUS ASH
12333		CUNEIFORM SIGN UR2 TIMES U2 PLUS BI
12334		CUNEIFORM SIGN UR4
12335		CUNEIFORM SIGN URI
12336		CUNEIFORM SIGN URI3
12337		CUNEIFORM SIGN URU
12338		CUNEIFORM SIGN URU TIMES A
12339		CUNEIFORM SIGN URU TIMES ASHGAB
1233A		CUNEIFORM SIGN URU TIMES BAR
1233B		CUNEIFORM SIGN URU TIMES DUN
1233C		CUNEIFORM SIGN URU TIMES GA
1233D		CUNEIFORM SIGN URU TIMES GAL
1233E		CUNEIFORM SIGN URU TIMES GAN2 TENU
1233F		CUNEIFORM SIGN URU TIMES GAR
12340		CUNEIFORM SIGN URU TIMES GU
12341		CUNEIFORM SIGN URU TIMES HA
12342		CUNEIFORM SIGN URU TIMES IGI
12343		CUNEIFORM SIGN URU TIMES IM
12344		CUNEIFORM SIGN URU TIMES ISH
12345		CUNEIFORM SIGN URU TIMES KI
12346		CUNEIFORM SIGN URU TIMES LUM
12347		CUNEIFORM SIGN URU TIMES MIN
12348		CUNEIFORM SIGN URU TIMES PA
12349		CUNEIFORM SIGN URU TIMES SHE
1234A		CUNEIFORM SIGN URU TIMES SIG4
1234B		CUNEIFORM SIGN URU TIMES TU
1234C		CUNEIFORM SIGN URU TIMES U PLUS GUD
1234D		CUNEIFORM SIGN URU TIMES UD
1234E		CUNEIFORM SIGN URU TIMES URUDA
1234F		CUNEIFORM SIGN URUDA
12350		CUNEIFORM SIGN URUDA TIMES U
12351		CUNEIFORM SIGN USH
12352		CUNEIFORM SIGN USH TIMES A
12353		CUNEIFORM SIGN USH TIMES KU
12354		CUNEIFORM SIGN USH TIMES KUR
12355		CUNEIFORM SIGN USH TIMES TAK4
12356		CUNEIFORM SIGN USHX
12357		CUNEIFORM SIGN USH2
12358		CUNEIFORM SIGN USHUMX
12359		CUNEIFORM SIGN UTUKI
1235A		CUNEIFORM SIGN UZ3
1235B		CUNEIFORM SIGN UZ3 TIMES KASKAL
1235C		CUNEIFORM SIGN UZU
1235D		CUNEIFORM SIGN ZA
1235E		CUNEIFORM SIGN ZA TENU
1235F		CUNEIFORM SIGN ZA SQUARED TIMES KUR
12360		CUNEIFORM SIGN ZAG
12361		CUNEIFORM SIGN ZAMX
12362		CUNEIFORM SIGN ZE2
12363		CUNEIFORM SIGN ZI
12364		CUNEIFORM SIGN ZI OVER ZI
12365		CUNEIFORM SIGN ZI3

12366		CUNEIFORM SIGN ZIB
12367		CUNEIFORM SIGN ZIB KABA TENU
12368		CUNEIFORM SIGN ZIG
12369		CUNEIFORM SIGN ZIZ2
1236A		CUNEIFORM SIGN ZU
1236B		CUNEIFORM SIGN ZU5
1236C		CUNEIFORM SIGN ZU5 TIMES A
1236D		CUNEIFORM SIGN ZUBUR
1236E		CUNEIFORM SIGN ZUM
<b>Elamite sign</b>		
1236F		CUNEIFORM SIGN KAP ELAMITE
<b>Signs</b>		
12370		CUNEIFORM SIGN AB TIMES NUN
12371		CUNEIFORM SIGN AB2 TIMES A
12372		CUNEIFORM SIGN AMAR TIMES KUG
12373		CUNEIFORM SIGN DAG KISIM5 TIMES U2 PLUS MASH
12374		CUNEIFORM SIGN DAG3
12375		CUNEIFORM SIGN DISH PLUS SHU
12376		CUNEIFORM SIGN DUB TIMES SHE
12377		CUNEIFORM SIGN EZEN TIMES GUD
12378		CUNEIFORM SIGN EZEN TIMES SHE
12379		CUNEIFORM SIGN GA2 TIMES AN PLUS KAK PLUS A
1237A		CUNEIFORM SIGN GA2 TIMES ASH2
1237B		CUNEIFORM SIGN GE22
1237C		CUNEIFORM SIGN GIG
1237D		CUNEIFORM SIGN HUSH
1237E		CUNEIFORM SIGN KA TIMES ANSHE
1237F		CUNEIFORM SIGN KA TIMES ASH3
12380		CUNEIFORM SIGN KA TIMES GISH
12381		CUNEIFORM SIGN KA TIMES GUD
12382		CUNEIFORM SIGN KA TIMES HI TIMES ASH2
12383		CUNEIFORM SIGN KA TIMES LUM
12384		CUNEIFORM SIGN KA TIMES PA
12385		CUNEIFORM SIGN KA TIMES SHUL
12386		CUNEIFORM SIGN KA TIMES TU
12387		CUNEIFORM SIGN KA TIMES UR2
12388		CUNEIFORM SIGN LAGAB TIMES GI
12389		CUNEIFORM SIGN LU2 SHESHIG TIMES BAD
1238A		CUNEIFORM SIGN LU2 TIMES ESH2 PLUS LAL
1238B		CUNEIFORM SIGN LU2 TIMES SHU
1238C		CUNEIFORM SIGN MESH
1238D		CUNEIFORM SIGN MUSH3 TIMES ZA
1238E		CUNEIFORM SIGN NA4
1238F		CUNEIFORM SIGN NIN
12390		CUNEIFORM SIGN NIN9
12391		CUNEIFORM SIGN NINDA2 TIMES BAL
12392		CUNEIFORM SIGN NINDA2 TIMES GI
12393		CUNEIFORM SIGN NU11 ROTATED NINETY DEGREES
12394		CUNEIFORM SIGN PESH2 ASTERISK
12395		CUNEIFORM SIGN PIR2
12396		CUNEIFORM SIGN SAG TIMES IGI GUNU
12397		CUNEIFORM SIGN TI2
12398		CUNEIFORM SIGN UM TIMES ME
12399		CUNEIFORM SIGN U U

	1240	1241	1242	1243	1244	1245	1246	1247	
0	➡	❀	❖❖❖	❖❖❖❖	❖❖	❖	↗	↑	
1	➡➡	❀❀	❖❖❖	❖❖❖❖	❖❖	❖	↗	↖	
2	❖❖	❀❀❀	❖❖❖	❖❖	❖❖	❖	↗	↖	
3	❖➡	❀❀❀	❖❖	❖❖	❖❖	❖	↗	↖	
4	❖❖	❀❀❀	❖❖❖	❖	❖❖	❖	↗	↖	
5	❖❖❖	▽	❖❖	❖❖	❖❖	❖	↙		
6	❖❖❖	▽	❖❖❖	❖❖❖	❖❖	❖	↙		
7	❖❖❖	▽▽	❖❖❖	❖❖❖	❖❖	▽	↙		
8	▽▽	▽▽	❖❖❖	❖❖❖	❖	↗	↘		
9	▽▽	▽▽	❖❖❖	❖❖❖	▽	↘	↗		
A	▽▽	▽▽▽	❖❖❖	❖	↗	↙	↖		
B	▽▽	▽▽▽	❖❖❖	➡	↗	↙	↖		
C	▽▽	▽▽▽	❖	▽	↗	↙	↖		
D	▽▽▽	▽▽▽	❖❖	➡	↗	↙	↖		
E	▽▽▽	▽	❖❖	▽	↗	↙	↖		
F	❀	❖❖	❖❖	▽▽	+	↖			
	12400	12410	12420	12430	12440	12450	12460	12470	
	12401	12411	12421	12431	12441	12451	12461	12471	
	12402	12412	12422	12432	12442	12452	12462	12472	
	12403	12413	12423	12433	12443	12453	12463	12473	
	12404	12414	12424	12434	12444	12454	12464	12474	
	12405	12415	12425	12435	12445	12455	12465		
	12406	12416	12426	12436	12446	12456	12466		
	12407	12417	12427	12437	12447	12457	12467		
	12408	12418	12428	12438	12448	12458	12468		
	12409	12419	12429	12439	12449	12459	12469		
	1240A	1241A	1242A	1243A	1244A	1245A	1246A		
	1240B	1241B	1242B	1243B	1244B	1245B	1246B		
	1240C	1241C	1242C	1243C	1244C	1245C	1246C		
	1240D	1241D	1242D	1243D	1244D	1245D	1246D		
	1240E	1241E	1242E	1243E	1244E	1245E	1246E		
	1240F	1241F	1242F	1243F	1244F	1245F			

## Numeric signs

12400	»	CUNEIFORM NUMERIC SIGN TWO ASH
12401	»»	CUNEIFORM NUMERIC SIGN THREE ASH
12402	»»»	CUNEIFORM NUMERIC SIGN FOUR ASH
12403	»»»»	CUNEIFORM NUMERIC SIGN FIVE ASH
12404	»»»»»	CUNEIFORM NUMERIC SIGN SIX ASH
12405	»»»»»»	CUNEIFORM NUMERIC SIGN SEVEN ASH
12406	»»»»»»»	CUNEIFORM NUMERIC SIGN EIGHT ASH
12407	»»»»»»»»	CUNEIFORM NUMERIC SIGN NINE ASH
12408	☷	CUNEIFORM NUMERIC SIGN THREE DISH
12409	☷☷	CUNEIFORM NUMERIC SIGN FOUR DISH
1240A	☷☷☷	CUNEIFORM NUMERIC SIGN FIVE DISH
1240B	☷☷☷☷	CUNEIFORM NUMERIC SIGN SIX DISH
1240C	☷☷☷☷☷	CUNEIFORM NUMERIC SIGN SEVEN DISH
1240D	☷☷☷☷☷☷	CUNEIFORM NUMERIC SIGN EIGHT DISH
1240E	☷☷☷☷☷☷☷	CUNEIFORM NUMERIC SIGN NINE DISH
1240F	☒	CUNEIFORM NUMERIC SIGN FOUR U
12410	☒☒	CUNEIFORM NUMERIC SIGN FIVE U
12411	☒☒☒	CUNEIFORM NUMERIC SIGN SIX U
12412	☒☒☒☒	CUNEIFORM NUMERIC SIGN SEVEN U
12413	☒☒☒☒☒	CUNEIFORM NUMERIC SIGN EIGHT U
12414	☒☒☒☒☒☒	CUNEIFORM NUMERIC SIGN NINE U
12415	☱	CUNEIFORM NUMERIC SIGN ONE GESH2
12416	☱☱	CUNEIFORM NUMERIC SIGN TWO GESH2
12417	☱☱☱	CUNEIFORM NUMERIC SIGN THREE GESH2
12418	☱☱☱☱	CUNEIFORM NUMERIC SIGN FOUR GESH2
12419	☱☱☱☱☱	CUNEIFORM NUMERIC SIGN FIVE GESH2
1241A	☱☱☱☱☱☱	CUNEIFORM NUMERIC SIGN SIX GESH2
1241B	☱☱☱☱☱☱☱	CUNEIFORM NUMERIC SIGN SEVEN GESH2
1241C	☱☱☱☱☱☱☱☱	CUNEIFORM NUMERIC SIGN EIGHT GESH2
1241D	☱☱☱☱☱☱☱☱☱	CUNEIFORM NUMERIC SIGN NINE GESH2
1241E	☲	CUNEIFORM NUMERIC SIGN ONE GESHU
1241F	☲☲	CUNEIFORM NUMERIC SIGN TWO GESHU
12420	☲☲☲	CUNEIFORM NUMERIC SIGN THREE GESHU
12421	☲☲☲☲	CUNEIFORM NUMERIC SIGN FOUR GESHU
12422	☲☲☲☲☲	CUNEIFORM NUMERIC SIGN FIVE GESHU
12423	ஓ	CUNEIFORM NUMERIC SIGN TWO SHAR2
12424	ஓஓ	CUNEIFORM NUMERIC SIGN THREE SHAR2
12425	ଓଓ	CUNEIFORM NUMERIC SIGN THREE SHAR2 VARIANT FORM
12426	ଓଓଓ	CUNEIFORM NUMERIC SIGN FOUR SHAR2
12427	ଓଓଓଓ	CUNEIFORM NUMERIC SIGN FIVE SHAR2
12428	ଓଓଓଓଓ	CUNEIFORM NUMERIC SIGN SIX SHAR2
12429	ଓଓଓଓଓଓ	CUNEIFORM NUMERIC SIGN SEVEN SHAR2
1242A	ଓଓଓଓଓଓଓ	CUNEIFORM NUMERIC SIGN EIGHT SHAR2
1242B	ଓଓଓଓଓଓଓଓ	CUNEIFORM NUMERIC SIGN NINE SHAR2
1242C	❖	CUNEIFORM NUMERIC SIGN ONE SHARU
1242D	❖❖	CUNEIFORM NUMERIC SIGN TWO SHARU
1242E	❖❖❖	CUNEIFORM NUMERIC SIGN THREE SHARU
1242F	❖❖❖❖	CUNEIFORM NUMERIC SIGN THREE SHARU VARIANT FORM
12430	❖❖❖❖❖	CUNEIFORM NUMERIC SIGN FOUR SHARU
12431	❖❖❖❖❖❖	CUNEIFORM NUMERIC SIGN FIVE SHARU
12432	❖❖❖❖❖❖❖	CUNEIFORM NUMERIC SIGN SHAR2 TIMES GAL PLUS DISH
12433	❖❖❖❖❖❖❖❖	CUNEIFORM NUMERIC SIGN SHAR2 TIMES GAL PLUS MIN
12434	❖❖❖❖❖❖❖❖❖	CUNEIFORM NUMERIC SIGN ONE BURU
12435	❖❖❖❖❖❖❖❖❖❖	CUNEIFORM NUMERIC SIGN TWO BURU
12436	❖❖❖❖❖❖❖❖❖❖❖	CUNEIFORM NUMERIC SIGN THREE BURU
12437	❖❖❖❖❖❖❖❖❖❖❖	CUNEIFORM NUMERIC SIGN THREE BURU VARIANT FORM

12438		CUNEIFORM NUMERIC SIGN FOUR BURU
12439		CUNEIFORM NUMERIC SIGN FIVE BURU
1243A		CUNEIFORM NUMERIC SIGN THREE VARIANT FORM ESH16
1243B		CUNEIFORM NUMERIC SIGN THREE VARIANT FORM ESH21
1243C		CUNEIFORM NUMERIC SIGN FOUR VARIANT FORM LIMMU
1243D		CUNEIFORM NUMERIC SIGN FOUR VARIANT FORM LIMMU4
1243E		CUNEIFORM NUMERIC SIGN FOUR VARIANT FORM LIMMU A
1243F		CUNEIFORM NUMERIC SIGN FOUR VARIANT FORM LIMMU B
12440		CUNEIFORM NUMERIC SIGN SIX VARIANT FORM ASH9
12441		CUNEIFORM NUMERIC SIGN SEVEN VARIANT FORM IMIN3
12442		CUNEIFORM NUMERIC SIGN SEVEN VARIANT FORM IMIN A
12443		CUNEIFORM NUMERIC SIGN SEVEN VARIANT FORM IMIN B
12444		CUNEIFORM NUMERIC SIGN EIGHT VARIANT FORM USSU
12445		CUNEIFORM NUMERIC SIGN EIGHT VARIANT FORM USSU3
12446		CUNEIFORM NUMERIC SIGN NINE VARIANT FORM ILIMMU
12447		CUNEIFORM NUMERIC SIGN NINE VARIANT FORM ILIMMU3
12448		CUNEIFORM NUMERIC SIGN NINE VARIANT FORM ILIMMU4
12449		CUNEIFORM NUMERIC SIGN NINE VARIANT FORM ILIMMU A
1244A		CUNEIFORM NUMERIC SIGN TWO ASH TENU
1244B		CUNEIFORM NUMERIC SIGN THREE ASH TENU
1244C		CUNEIFORM NUMERIC SIGN FOUR ASH TENU
1244D		CUNEIFORM NUMERIC SIGN FIVE ASH TENU
1244E		CUNEIFORM NUMERIC SIGN SIX ASH TENU
1244F		CUNEIFORM NUMERIC SIGN ONE BAN2
12450		CUNEIFORM NUMERIC SIGN TWO BAN2
12451		CUNEIFORM NUMERIC SIGN THREE BAN2
12452		CUNEIFORM NUMERIC SIGN FOUR BAN2
12453		CUNEIFORM NUMERIC SIGN FOUR BAN2 VARIANT FORM
12454		CUNEIFORM NUMERIC SIGN FIVE BAN2
12455		CUNEIFORM NUMERIC SIGN FIVE BAN2 VARIANT FORM
12456		CUNEIFORM NUMERIC SIGN NIGIDAMIN
12457		CUNEIFORM NUMERIC SIGN NIGIDAESH
12458		CUNEIFORM NUMERIC SIGN ONE ESHE3
12459		CUNEIFORM NUMERIC SIGN TWO ESHE3
<b>Fractions</b>		
1245A		CUNEIFORM NUMERIC SIGN ONE THIRD DISH
1245B		CUNEIFORM NUMERIC SIGN TWO THIRDS DISH
1245C		CUNEIFORM NUMERIC SIGN FIVE SIXTHS DISH
1245D		CUNEIFORM NUMERIC SIGN ONE THIRD VARIANT FORM A
1245E		CUNEIFORM NUMERIC SIGN TWO THIRDS VARIANT FORM A
1245F		CUNEIFORM NUMERIC SIGN ONE EIGHTH ASH
12460		CUNEIFORM NUMERIC SIGN ONE QUARTER ASH

12461 ፩ CUNEIFORM NUMERIC SIGN OLD ASSYRIAN ONE SIXTH

12462 ፪ CUNEIFORM NUMERIC SIGN OLD ASSYRIAN ONE QUARTER

12463 ፫ CUNEIFORM NUMERIC SIGN ONE QUARTER GUR

12464 ፬ CUNEIFORM NUMERIC SIGN ONE HALF GUR

#### **Elamite fractions**

12465 ፭ CUNEIFORM NUMERIC SIGN ELAMITE ONE THIRD

12466 ፮ CUNEIFORM NUMERIC SIGN ELAMITE TWO THIRDS

#### **Elamite numeric signs**

12467 ፯ CUNEIFORM NUMERIC SIGN ELAMITE FORTY

12468 ፰ CUNEIFORM NUMERIC SIGN ELAMITE FIFTY

#### **Numeric signs**

12469 ፻ CUNEIFORM NUMERIC SIGN FOUR U VARIANT FORM

1246A ፻ CUNEIFORM NUMERIC SIGN FIVE U VARIANT FORM

1246B ፻ CUNEIFORM NUMERIC SIGN SIX U VARIANT FORM

1246C ፻ CUNEIFORM NUMERIC SIGN SEVEN U VARIANT FORM

1246D ፻ CUNEIFORM NUMERIC SIGN EIGHT U VARIANT FORM

1246E ፻ CUNEIFORM NUMERIC SIGN NINE U VARIANT FORM

#### **Punctuation**

12470 ܀ CUNEIFORM PUNCTUATION SIGN OLD ASSYRIAN WORD DIVIDER

→ 1039F ܁ ugaritic word divider

→ 103D0 ^ old persian word divider

12471 ܂ CUNEIFORM PUNCTUATION SIGN VERTICAL COLON

12472 ܃ CUNEIFORM PUNCTUATION SIGN DIAGONAL COLON

12473 ܄ CUNEIFORM PUNCTUATION SIGN DIAGONAL TRICOLON

12474 ܅ CUNEIFORM PUNCTUATION SIGN DIAGONAL QUADCOLON

12480

## Early Dynastic Cuneiform

1254F

	1248	1249	124A	124B	124C	124D	124E	124F	1250	1251	1252	1253	1254
0													
1													
2													
3													
4													
5													
6													
7													
8													
9													
A													
B													
C													
D													
E													
F													

**Signs**

- 12480 CUNEIFORM SIGN AB TIMES NUN TENU  
= lak-541
- 12481 CUNEIFORM SIGN AB TIMES SHU2  
= lak-542
- 12482 CUNEIFORM SIGN AD TIMES ESH2
- 12483 CUNEIFORM SIGN BAD TIMES DISH TENU  
= lak-045
- 12484 CUNEIFORM SIGN BAHAR2 TIMES AB2  
= lak-743
- 12485 CUNEIFORM SIGN BAHAR2 TIMES NI  
= lak-745
- 12486 CUNEIFORM SIGN BAHAR2 TIMES ZA  
= lak-746
- 12487 CUNEIFORM SIGN BU OVER BU TIMES NA2
- 12488 CUNEIFORM SIGN DA TIMES TAK4  
= lak-145
- 12489 CUNEIFORM SIGN DAG TIMES KUR  
= lak-741
- 1248A CUNEIFORM SIGN DIM TIMES IGI  
= lak-054
- 1248B CUNEIFORM SIGN DIM TIMES U U
- 1248C CUNEIFORM SIGN DIM2 TIMES UD
- 1248D CUNEIFORM SIGN DUG TIMES ANSHE  
= lak-583
- 1248E CUNEIFORM SIGN DUG TIMES ASH  
= lak-562
- 1248F CUNEIFORM SIGN DUG TIMES ASH AT LEFT  
= lak-561
- 12490 CUNEIFORM SIGN DUG TIMES DIN  
= lak-585
- 12491 CUNEIFORM SIGN DUG TIMES DUN  
= lak-582
- 12492 CUNEIFORM SIGN DUG TIMES ERIN2  
= lak-580
- 12493 CUNEIFORM SIGN DUG TIMES GA  
= lak-573
- 12494 CUNEIFORM SIGN DUG TIMES GI  
= lak-571
- 12495 CUNEIFORM SIGN DUG TIMES GIR2 GUNU  
= lak-569
- 12496 CUNEIFORM SIGN DUG TIMES GISH  
= lak-578
- 12497 CUNEIFORM SIGN DUG TIMES HA  
= lak-581
- 12498 CUNEIFORM SIGN DUG TIMES HI  
= lak-584
- 12499 CUNEIFORM SIGN DUG TIMES IGI GUNU  
= lak-586
- 1249A CUNEIFORM SIGN DUG TIMES KASKAL  
= lak-566
- 1249B CUNEIFORM SIGN DUG TIMES KUR  
= lak-577
- 1249C CUNEIFORM SIGN DUG TIMES KUSHU2
- 1249D CUNEIFORM SIGN DUG TIMES KUSHU2 PLUS KASKAL  
= lak-568
- 1249E CUNEIFORM SIGN DUG TIMES LAK-020  
= lak-564
- 1249F CUNEIFORM SIGN DUG TIMES LAM  
= lak-576
- 124A0 CUNEIFORM SIGN DUG TIMES LAM TIMES KUR  
= lak-575

- 124A1 CUNEIFORM SIGN DUG TIMES LUH PLUS GISH  
= lak-565
- 124A2 CUNEIFORM SIGN DUG TIMES MASH  
= lak-570
- 124A3 CUNEIFORM SIGN DUG TIMES MES  
= lak-579
- 124A4 CUNEIFORM SIGN DUG TIMES MI  
= lak-574
- 124A5 CUNEIFORM SIGN DUG TIMES NI  
= lak-588
- 124A6 CUNEIFORM SIGN DUG TIMES PI  
= lak-567
- 124A7 CUNEIFORM SIGN DUG TIMES SHE  
= lak-563
- 124A8 CUNEIFORM SIGN DUG TIMES SI GUNU  
= lak-572
- 124A9 CUNEIFORM SIGN E2 TIMES KUR  
= lak-738
- 124AA CUNEIFORM SIGN E2 TIMES PAP  
= lak-736
- 124AB CUNEIFORM SIGN ERIN2 X
- 124AC CUNEIFORM SIGN ESH2 CROSSING ESH2  
= lak-278a
- 124AD CUNEIFORM SIGN EZEN SHESHIG TIMES ASH
- 124AE CUNEIFORM SIGN EZEN SHESHIG TIMES HI
- 124AF CUNEIFORM SIGN EZEN SHESHIG TIMES IGI GUNU
- 124B0 CUNEIFORM SIGN EZEN SHESHIG TIMES LA
- 124B1 CUNEIFORM SIGN EZEN SHESHIG TIMES LAL
- 124B2 CUNEIFORM SIGN EZEN SHESHIG TIMES ME
- 124B3 CUNEIFORM SIGN EZEN SHESHIG TIMES MES
- 124B4 CUNEIFORM SIGN EZEN SHESHIG TIMES SU
- 124B5 CUNEIFORM SIGN EZEN TIMES SU
- 124B6 CUNEIFORM SIGN GA2 TIMES BAHAR2  
= lak-706
- 124B7 CUNEIFORM SIGN GA2 TIMES DIM GUNU  
= lak-685
- 124B8 CUNEIFORM SIGN GA2 TIMES DUG TIMES IGI GUNU  
= lak-702
- 124B9 CUNEIFORM SIGN GA2 TIMES DUG TIMES KASKAL  
= lak-703
- 124BA CUNEIFORM SIGN GA2 TIMES EREN
- 124BB CUNEIFORM SIGN GA2 TIMES GA  
= lak-684
- 124BC CUNEIFORM SIGN GA2 TIMES GAR PLUS DI  
= lak-687
- 124BD CUNEIFORM SIGN GA2 TIMES GAR PLUS NE  
= lak-690
- 124BE CUNEIFORM SIGN GA2 TIMES HA PLUS A  
= lak-694
- 124BF CUNEIFORM SIGN GA2 TIMES KUSHU2 PLUS KASKAL  
= lak-700
- 124C0 CUNEIFORM SIGN GA2 TIMES LAM  
= lak-705
- 124C1 CUNEIFORM SIGN GA2 TIMES LAM TIMES KUR  
= lak-704
- 124C2 CUNEIFORM SIGN GA2 TIMES LUH  
= lak-707
- 124C3 CUNEIFORM SIGN GA2 TIMES MUSH  
= lak-696
- 124C4 CUNEIFORM SIGN GA2 TIMES NE  
= lak-688

124C5	CUNEIFORM SIGN GA2 TIMES NE PLUS E2 = lak-692	124F2	CUNEIFORM SIGN LAK-449 TIMES GU = lak-455a
124C6	CUNEIFORM SIGN GA2 TIMES NE PLUS GI = lak-689	124F3	CUNEIFORM SIGN LAK-449 TIMES IGI = lak-455
124C7	CUNEIFORM SIGN GA2 TIMES SHIM = lak-701	124F4	CUNEIFORM SIGN LAK-449 TIMES PAP PLUS LU3 = lak-454
124C8	CUNEIFORM SIGN GA2 TIMES ZIZ2 = lak-677	124F5	CUNEIFORM SIGN LAK-449 TIMES PAP PLUS PAP PLUS LU3 = lak-453
124C9	CUNEIFORM SIGN GABA ROTATED NINETY DEGREES	124F6	CUNEIFORM SIGN LAK-449 TIMES U2 PLUS BA = lak-452
124CA	CUNEIFORM SIGN GESHTIN TIMES U = lak-631	124F7	CUNEIFORM SIGN LAK-450
124CB	CUNEIFORM SIGN GISH TIMES GISH CROSSING GISH = lak-277	124F8	CUNEIFORM SIGN LAK-457
124CC	CUNEIFORM SIGN GU2 TIMES IGI GUNU = lak-547	124F9	CUNEIFORM SIGN LAK-470
124CD	CUNEIFORM SIGN GUD PLUS GISH TIMES TAK4 = lak-590	124FA	CUNEIFORM SIGN LAK-483
124CE	CUNEIFORM SIGN HA TENU GUNU = lak-354	124FB	CUNEIFORM SIGN LAK-490
124CF	CUNEIFORM SIGN HI TIMES ASH OVER HI TIMES ASH = lak-362	124FC	CUNEIFORM SIGN LAK-492
124D0	CUNEIFORM SIGN KA TIMES BU	124FD	CUNEIFORM SIGN LAK-493
124D1	CUNEIFORM SIGN KA TIMES KA	124FE	CUNEIFORM SIGN LAK-495
124D2	CUNEIFORM SIGN KA TIMES U U = lak-328	124FF	CUNEIFORM SIGN LAK-550
124D3	CUNEIFORM SIGN KA TIMES UR	12500	CUNEIFORM SIGN LAK-608
124D4	CUNEIFORM SIGN LAGAB TIMES ZU OVER ZU = lak-788	12501	CUNEIFORM SIGN LAK-617
124D5	CUNEIFORM SIGN LAK-003	12502	CUNEIFORM SIGN LAK-617 TIMES ASH = lak-618
124D6	CUNEIFORM SIGN LAK-021	12503	CUNEIFORM SIGN LAK-617 TIMES BAD = lak-619
124D7	CUNEIFORM SIGN LAK-025	12504	CUNEIFORM SIGN LAK-617 TIMES DUN3 GUNU GUNU = lak-622
124D8	CUNEIFORM SIGN LAK-030	12505	CUNEIFORM SIGN LAK-617 TIMES KU3 = lak-620
124D9	CUNEIFORM SIGN LAK-050	12506	CUNEIFORM SIGN LAK-617 TIMES LA = lak-621
124DA	CUNEIFORM SIGN LAK-051	12507	CUNEIFORM SIGN LAK-617 TIMES TAR = lak-626
124DB	CUNEIFORM SIGN LAK-062	12508	CUNEIFORM SIGN LAK-617 TIMES TE = lak-624
124DC	CUNEIFORM SIGN LAK-079 OVER LAK-079 GUNU = lak-079a	12509	CUNEIFORM SIGN LAK-617 TIMES U2 = lak-625
124DD	CUNEIFORM SIGN LAK-080	1250A	CUNEIFORM SIGN LAK-617 TIMES UD = lak-623
124DE	CUNEIFORM SIGN LAK-081 OVER LAK-081 = lak-081a	1250B	CUNEIFORM SIGN LAK-617 TIMES URUDA = lak-627
124DF	CUNEIFORM SIGN LAK-092	1250C	CUNEIFORM SIGN LAK-636
124E0	CUNEIFORM SIGN LAK-130	1250D	CUNEIFORM SIGN LAK-648
124E1	CUNEIFORM SIGN LAK-142	1250E	CUNEIFORM SIGN LAK-648 TIMES DUB = lak-717
124E2	CUNEIFORM SIGN LAK-210	1250F	CUNEIFORM SIGN LAK-648 TIMES GA = lak-714
124E3	CUNEIFORM SIGN LAK-219	12510	CUNEIFORM SIGN LAK-648 TIMES IGI = lak-650
124E4	CUNEIFORM SIGN LAK-220	12511	CUNEIFORM SIGN LAK-648 TIMES IGI GUNU = lak-651
124E5	CUNEIFORM SIGN LAK-225	12512	CUNEIFORM SIGN LAK-648 TIMES NI = lak-715
124E6	CUNEIFORM SIGN LAK-228	12513	CUNEIFORM SIGN LAK-648 TIMES PAP PLUS PAP PLUS LU3 = lak-720
124E7	CUNEIFORM SIGN LAK-238	12514	CUNEIFORM SIGN LAK-648 TIMES SHESH PLUS KI = lak-719
124E8	CUNEIFORM SIGN LAK-265	12515	CUNEIFORM SIGN LAK-648 TIMES UD = lak-718
124E9	CUNEIFORM SIGN LAK-266		
124EA	CUNEIFORM SIGN LAK-343		
124EB	CUNEIFORM SIGN LAK-347		
124EC	CUNEIFORM SIGN LAK-348		
124ED	CUNEIFORM SIGN LAK-383		
124EE	CUNEIFORM SIGN LAK-384		
124EF	CUNEIFORM SIGN LAK-390		
124F0	CUNEIFORM SIGN LAK-441		
124F1	CUNEIFORM SIGN LAK-449		

12516		CUNEIFORM SIGN LAK-648 TIMES URUDA = lak-716
12517		CUNEIFORM SIGN LAK-724
12518		CUNEIFORM SIGN LAK-749
12519		CUNEIFORM SIGN LU2 GUNU TIMES ASH = lak-339
1251A		CUNEIFORM SIGN LU2 TIMES DISH = lak-338
1251B		CUNEIFORM SIGN LU2 TIMES HAL = lak-340b
1251C		CUNEIFORM SIGN LU2 TIMES PAP = lak-340a
1251D		CUNEIFORM SIGN LU2 TIMES PAP PLUS PAP PLUS LU3 = lak-341
1251E		CUNEIFORM SIGN LU2 TIMES TAK4 = lak-342
1251F		CUNEIFORM SIGN MI PLUS ZA7 = lak-393
12520		CUNEIFORM SIGN MUSH OVER MUSH TIMES GA
12521		CUNEIFORM SIGN MUSH OVER MUSH TIMES KAK
12522		CUNEIFORM SIGN NINDA2 TIMES DIM GUNU = lak-097
12523		CUNEIFORM SIGN NINDA2 TIMES GISH = lak-116
12524		CUNEIFORM SIGN NINDA2 TIMES GUL = lak-112
12525		CUNEIFORM SIGN NINDA2 TIMES HI = lak-114
12526		CUNEIFORM SIGN NINDA2 TIMES KESH2 = lak-115
12527		CUNEIFORM SIGN NINDA2 TIMES LAK-050 = lak-098
12528		CUNEIFORM SIGN NINDA2 TIMES MASH = lak-110
12529		CUNEIFORM SIGN NINDA2 TIMES PAP PLUS PAP = lak-113
1252A		CUNEIFORM SIGN NINDA2 TIMES U = lak-102
1252B		CUNEIFORM SIGN NINDA2 TIMES U PLUS U = lak-103
1252C		CUNEIFORM SIGN NINDA2 TIMES URUDA = lak-111
1252D		CUNEIFORM SIGN SAG GUNU TIMES HA = lak-309
1252E		CUNEIFORM SIGN SAG TIMES EN = lak-311
1252F		CUNEIFORM SIGN SAG TIMES SHE AT LEFT
12530		CUNEIFORM SIGN SAG TIMES TAK4
12531		CUNEIFORM SIGN SHA6 TENU
12532		CUNEIFORM SIGN SHE OVER SHE = lak-200
12533		CUNEIFORM SIGN SHE PLUS HUB2 = lak-207
12534		CUNEIFORM SIGN SHE PLUS NAM2
12535		CUNEIFORM SIGN SHE PLUS SAR = lak-216
12536		CUNEIFORM SIGN SHU2 PLUS DUG TIMES NI = lak-396
12537		CUNEIFORM SIGN SHU2 PLUS E2 TIMES AN = lak-358

12538		CUNEIFORM SIGN SI TIMES TAK4 = lak-85
12539		CUNEIFORM SIGN TAK4 PLUS SAG = lak-310
1253A		CUNEIFORM SIGN TUM TIMES GAN2 TENU = lak-497b
1253B		CUNEIFORM SIGN TUM TIMES THREE DISH = lak-497a
1253C		CUNEIFORM SIGN UR2 INVERTED
1253D		CUNEIFORM SIGN UR2 TIMES UD = lak-480
1253E		CUNEIFORM SIGN URU TIMES DARA3 = lak-592
1253F		CUNEIFORM SIGN URU TIMES LAK-668 = lak-600
12540		CUNEIFORM SIGN URU TIMES LU3
12541		CUNEIFORM SIGN ZA7 = lak-798
12542		CUNEIFORM SIGN ZU OVER ZU PLUS SAR = lak-218
12543		CUNEIFORM SIGN ZU5 TIMES THREE DISH TENU = lak-118

13000

## Egyptian Hieroglyphs

130DF

	1300	1301	1302	1303	1304	1305	1306	1307	1308	1309	130A	130B	130C	130D
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	130E	130F	1310	1311	1312	1313	1314	1315	1316	1317	1318	1319	131A	131B
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131C0

## Egyptian Hieroglyphs

1328F

	131C	131D	131E	131F	1320	1321	1322	1323	1324	1325	1326	1327	1328
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	1329	132A	132B	132C	132D	132E	132F	1330	1331	1332	1333	1334	1335
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13360

## Egyptian Hieroglyphs

1342F

	1336	1337	1338	1339	133A	133B	133C	133D	133E	133F	1340	1341	1342
0													
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The characters in this block are taken primarily from Alan Gardiner's works on Middle Egyptian.

#### A. Man and his occupations

13000		EGYPTIAN HIEROGLYPH A001
13001		EGYPTIAN HIEROGLYPH A002
13002		EGYPTIAN HIEROGLYPH A003
13003		EGYPTIAN HIEROGLYPH A004
13004		EGYPTIAN HIEROGLYPH A005
13005		EGYPTIAN HIEROGLYPH A005A
13006		EGYPTIAN HIEROGLYPH A006
13007		EGYPTIAN HIEROGLYPH A006A
13008		EGYPTIAN HIEROGLYPH A006B
13009		EGYPTIAN HIEROGLYPH A007
1300A		EGYPTIAN HIEROGLYPH A008
1300B		EGYPTIAN HIEROGLYPH A009
1300C		EGYPTIAN HIEROGLYPH A010
1300D		EGYPTIAN HIEROGLYPH A011
1300E		EGYPTIAN HIEROGLYPH A012
1300F		EGYPTIAN HIEROGLYPH A013
13010		EGYPTIAN HIEROGLYPH A014
13011		EGYPTIAN HIEROGLYPH A014A
13012		EGYPTIAN HIEROGLYPH A015
13013		EGYPTIAN HIEROGLYPH A016
13014		EGYPTIAN HIEROGLYPH A017
13015		EGYPTIAN HIEROGLYPH A017A
13016		EGYPTIAN HIEROGLYPH A018
13017		EGYPTIAN HIEROGLYPH A019
13018		EGYPTIAN HIEROGLYPH A020
13019		EGYPTIAN HIEROGLYPH A021
1301A		EGYPTIAN HIEROGLYPH A022
1301B		EGYPTIAN HIEROGLYPH A023
1301C		EGYPTIAN HIEROGLYPH A024
1301D		EGYPTIAN HIEROGLYPH A025
1301E		EGYPTIAN HIEROGLYPH A026
1301F		EGYPTIAN HIEROGLYPH A027
13020		EGYPTIAN HIEROGLYPH A028
13021		EGYPTIAN HIEROGLYPH A029
13022		EGYPTIAN HIEROGLYPH A030
13023		EGYPTIAN HIEROGLYPH A031
13024		EGYPTIAN HIEROGLYPH A032
13025		EGYPTIAN HIEROGLYPH A032A
13026		EGYPTIAN HIEROGLYPH A033
13027		EGYPTIAN HIEROGLYPH A034
13028		EGYPTIAN HIEROGLYPH A035
13029		EGYPTIAN HIEROGLYPH A036
1302A		EGYPTIAN HIEROGLYPH A037
1302B		EGYPTIAN HIEROGLYPH A038
1302C		EGYPTIAN HIEROGLYPH A039
1302D		EGYPTIAN HIEROGLYPH A040
1302E		EGYPTIAN HIEROGLYPH A040A
1302F		EGYPTIAN HIEROGLYPH A041
13030		EGYPTIAN HIEROGLYPH A042
13031		EGYPTIAN HIEROGLYPH A042A
13032		EGYPTIAN HIEROGLYPH A043
13033		EGYPTIAN HIEROGLYPH A043A
13034		EGYPTIAN HIEROGLYPH A044
13035		EGYPTIAN HIEROGLYPH A045
13036		EGYPTIAN HIEROGLYPH A045A
13037		EGYPTIAN HIEROGLYPH A046
13038		EGYPTIAN HIEROGLYPH A047
13039		EGYPTIAN HIEROGLYPH A048

1303A		EGYPTIAN HIEROGLYPH A049
1303B		EGYPTIAN HIEROGLYPH A050
1303C		EGYPTIAN HIEROGLYPH A051
1303D		EGYPTIAN HIEROGLYPH A052
1303E		EGYPTIAN HIEROGLYPH A053
1303F		EGYPTIAN HIEROGLYPH A054
13040		EGYPTIAN HIEROGLYPH A055
13041		EGYPTIAN HIEROGLYPH A056
13042		EGYPTIAN HIEROGLYPH A057
13043		EGYPTIAN HIEROGLYPH A058
13044		EGYPTIAN HIEROGLYPH A059
13045		EGYPTIAN HIEROGLYPH A060
13046		EGYPTIAN HIEROGLYPH A061
13047		EGYPTIAN HIEROGLYPH A062
13048		EGYPTIAN HIEROGLYPH A063
13049		EGYPTIAN HIEROGLYPH A064
1304A		EGYPTIAN HIEROGLYPH A065
1304B		EGYPTIAN HIEROGLYPH A066
1304C		EGYPTIAN HIEROGLYPH A067
1304D		EGYPTIAN HIEROGLYPH A068
1304E		EGYPTIAN HIEROGLYPH A069
1304F		EGYPTIAN HIEROGLYPH A070

#### B. Woman and her occupations

13050		EGYPTIAN HIEROGLYPH B001
13051		EGYPTIAN HIEROGLYPH B002
13052		EGYPTIAN HIEROGLYPH B003
13053		EGYPTIAN HIEROGLYPH B004
13054		EGYPTIAN HIEROGLYPH B005
13055		EGYPTIAN HIEROGLYPH B005A
13056		EGYPTIAN HIEROGLYPH B006
13057		EGYPTIAN HIEROGLYPH B007
13058		EGYPTIAN HIEROGLYPH B008
13059		EGYPTIAN HIEROGLYPH B009

#### C. Anthropomorphic deities

1305A		EGYPTIAN HIEROGLYPH C001
1305B		EGYPTIAN HIEROGLYPH C002
1305C		EGYPTIAN HIEROGLYPH C002A
1305D		EGYPTIAN HIEROGLYPH C002B
1305E		EGYPTIAN HIEROGLYPH C002C
1305F		EGYPTIAN HIEROGLYPH C003
13060		EGYPTIAN HIEROGLYPH C004
13061		EGYPTIAN HIEROGLYPH C005
13062		EGYPTIAN HIEROGLYPH C006
13063		EGYPTIAN HIEROGLYPH C007
13064		EGYPTIAN HIEROGLYPH C008
13065		EGYPTIAN HIEROGLYPH C009
13066		EGYPTIAN HIEROGLYPH C010
13067		EGYPTIAN HIEROGLYPH C010A
13068		EGYPTIAN HIEROGLYPH C011
• 1,000,000		
13069		EGYPTIAN HIEROGLYPH C012
1306A		EGYPTIAN HIEROGLYPH C013
1306B		EGYPTIAN HIEROGLYPH C014
1306C		EGYPTIAN HIEROGLYPH C015
1306D		EGYPTIAN HIEROGLYPH C016
1306E		EGYPTIAN HIEROGLYPH C017
1306F		EGYPTIAN HIEROGLYPH C018
13070		EGYPTIAN HIEROGLYPH C019
13071		EGYPTIAN HIEROGLYPH C020
13072		EGYPTIAN HIEROGLYPH C021
13073		EGYPTIAN HIEROGLYPH C022

13074

## Egyptian Hieroglyphs

130CF

- 13074 ⌈ EGYPTIAN HIEROGLYPH C023  
 13075 ⌉ EGYPTIAN HIEROGLYPH C024

**D. Parts of the human body**

- 13076 ⌋ EGYPTIAN HIEROGLYPH D001  
 13077 ⌌ EGYPTIAN HIEROGLYPH D002  
 13078 ⌍ EGYPTIAN HIEROGLYPH D003  
 13079 ⌎ EGYPTIAN HIEROGLYPH D004  
 1307A ⌏ EGYPTIAN HIEROGLYPH D005  
 1307B ⌐ EGYPTIAN HIEROGLYPH D006  
 1307C ⌑ EGYPTIAN HIEROGLYPH D007  
 1307D ⌒ EGYPTIAN HIEROGLYPH D008  
 1307E ⌓ EGYPTIAN HIEROGLYPH D008A  
 1307F ⌔ EGYPTIAN HIEROGLYPH D009  
 13080 ⌕ EGYPTIAN HIEROGLYPH D010  
 13081 ⌖ EGYPTIAN HIEROGLYPH D011  
     • 1/2  
 13082 ⌗ EGYPTIAN HIEROGLYPH D012  
     • 1/4  
 13083 ⌘ EGYPTIAN HIEROGLYPH D013  
     • 1/8  
 13084 ⌙ EGYPTIAN HIEROGLYPH D014  
     • 1/16  
 13085 ⌚ EGYPTIAN HIEROGLYPH D015  
     • 1/32  
 13086 ⌛ EGYPTIAN HIEROGLYPH D016  
     • 1/64  
 13087 ⌜ EGYPTIAN HIEROGLYPH D017  
 13088 ⌝ EGYPTIAN HIEROGLYPH D018  
 13089 ⌞ EGYPTIAN HIEROGLYPH D019  
 1308A ⌟ EGYPTIAN HIEROGLYPH D020  
 1308B ⌠ EGYPTIAN HIEROGLYPH D021  
     • transliterated as r  
 1308C ⌡ EGYPTIAN HIEROGLYPH D022  
 1308D ⌢ EGYPTIAN HIEROGLYPH D023  
 1308E ⌣ EGYPTIAN HIEROGLYPH D024  
 1308F ⌤ EGYPTIAN HIEROGLYPH D025  
 13090 ⌥ EGYPTIAN HIEROGLYPH D026  
 13091 ⌦ EGYPTIAN HIEROGLYPH D027  
 13092 ⌧ EGYPTIAN HIEROGLYPH D027A  
 13093 ⌨ EGYPTIAN HIEROGLYPH D028  
 13094 〈 EGYPTIAN HIEROGLYPH D029  
 13095 〉 EGYPTIAN HIEROGLYPH D030  
 13096 ⌫ EGYPTIAN HIEROGLYPH D031  
 13097 ⌭ EGYPTIAN HIEROGLYPH D031A  
 13098 ⌮ EGYPTIAN HIEROGLYPH D032  
 13099 ⌯ EGYPTIAN HIEROGLYPH D033  
 1309A ⌰ EGYPTIAN HIEROGLYPH D034  
 1309B ⌱ EGYPTIAN HIEROGLYPH D034A  
 1309C ⌲ EGYPTIAN HIEROGLYPH D035  
 1309D ⌳ EGYPTIAN HIEROGLYPH D036  
     • transliterated as A725 ⌴  
     → 05E2 ⌵ hebrew letter ayin  
     → 0639 ⌶ arabic letter ain  
 1309E ⌴ EGYPTIAN HIEROGLYPH D037  
 1309F ⌵ EGYPTIAN HIEROGLYPH D038  
 130A0 ⌶ EGYPTIAN HIEROGLYPH D039  
 130A1 ⌷ EGYPTIAN HIEROGLYPH D040  
 130A2 ⌸ EGYPTIAN HIEROGLYPH D041  
 130A3 ⌹ EGYPTIAN HIEROGLYPH D042  
 130A4 ⌺ EGYPTIAN HIEROGLYPH D043  
 130A5 ⌻ EGYPTIAN HIEROGLYPH D044

- 130A6 ⌻ EGYPTIAN HIEROGLYPH D045  
 130A7 ⌼ EGYPTIAN HIEROGLYPH D046  
     • transliterated as d  
 130A8 ⌽ EGYPTIAN HIEROGLYPH D046A  
 130A9 ⌾ EGYPTIAN HIEROGLYPH D047  
 130AA ⌿ EGYPTIAN HIEROGLYPH D048  
 130AB ⌽ EGYPTIAN HIEROGLYPH D048A  
 130AC ⌽ EGYPTIAN HIEROGLYPH D049  
 130AD ⌽ EGYPTIAN HIEROGLYPH D050  
     • 10,000  
 130AE ⌽ EGYPTIAN HIEROGLYPH D050A  
     • 20,000  
 130AF ⌽ EGYPTIAN HIEROGLYPH D050B  
     • 30,000  
 130B0 ⌽ EGYPTIAN HIEROGLYPH D050C  
     • 40,000  
 130B1 ⌽ EGYPTIAN HIEROGLYPH D050D  
     • 50,000  
 130B2 ⌽ EGYPTIAN HIEROGLYPH D050E  
     • 60,000  
 130B3 ⌽ EGYPTIAN HIEROGLYPH D050F  
     • 70,000  
 130B4 ⌽ EGYPTIAN HIEROGLYPH D050G  
     • 80,000  
 130B5 ⌽ EGYPTIAN HIEROGLYPH D050H  
     • 90,000  
 130B6 ⌽ EGYPTIAN HIEROGLYPH D050I  
     • 50,000  
 130B7 ⌽ EGYPTIAN HIEROGLYPH D051  
 130B8 ⌽ EGYPTIAN HIEROGLYPH D052  
 130B9 ⌽ EGYPTIAN HIEROGLYPH D052A  
 130BA ⌽ EGYPTIAN HIEROGLYPH D053  
 130BB ⌽ EGYPTIAN HIEROGLYPH D054  
 130BC ⌽ EGYPTIAN HIEROGLYPH D054A  
 130BD ⌽ EGYPTIAN HIEROGLYPH D055  
 130BE ⌽ EGYPTIAN HIEROGLYPH D056  
 130BF ⌽ EGYPTIAN HIEROGLYPH D057  
 130C0 ⌽ EGYPTIAN HIEROGLYPH D058  
     • transliterated as b  
 130C1 ⌽ EGYPTIAN HIEROGLYPH D059  
 130C2 ⌽ EGYPTIAN HIEROGLYPH D060  
 130C3 ⌽ EGYPTIAN HIEROGLYPH D061  
 130C4 ⌽ EGYPTIAN HIEROGLYPH D062  
 130C5 ⌽ EGYPTIAN HIEROGLYPH D063  
 130C6 ⌽ EGYPTIAN HIEROGLYPH D064  
 130C7 ⌽ EGYPTIAN HIEROGLYPH D065  
 130C8 ⌽ EGYPTIAN HIEROGLYPH D066  
 130C9 ⌽ EGYPTIAN HIEROGLYPH D067  
     • 1 heqat measure  
 130CA ⌽ EGYPTIAN HIEROGLYPH D067A  
     • 2 heqat measures  
 130CB ⌽ EGYPTIAN HIEROGLYPH D067B  
     • 3 heqat measures  
 130CC ⌽ EGYPTIAN HIEROGLYPH D067C  
     • 4 heqat measures  
 130CD ⌽ EGYPTIAN HIEROGLYPH D067D  
     • 5 heqat measures  
 130CE ⌽ EGYPTIAN HIEROGLYPH D067E  
     • 6 heqat measures  
 130CF ⌽ EGYPTIAN HIEROGLYPH D067F  
     • 7 heqat measures

130D0

## Egyptian Hieroglyphs

13140

- 130D0 ☈ EGYPTIAN HIEROGLYPH D067G  
• 8 heqat measures  
130D1 ☈ EGYPTIAN HIEROGLYPH D067H  
• 9 heqat measures

**E. Mammals**

- 130D2 ☈ EGYPTIAN HIEROGLYPH E001  
130D3 ☈ EGYPTIAN HIEROGLYPH E002  
130D4 ☈ EGYPTIAN HIEROGLYPH E003  
130D5 ☈ EGYPTIAN HIEROGLYPH E004  
130D6 ☈ EGYPTIAN HIEROGLYPH E005  
130D7 ☈ EGYPTIAN HIEROGLYPH E006  
130D8 ☈ EGYPTIAN HIEROGLYPH E007  
130D9 ☈ EGYPTIAN HIEROGLYPH E008  
130DA ☈ EGYPTIAN HIEROGLYPH E008A  
130DB ☈ EGYPTIAN HIEROGLYPH E009  
130DC ☈ EGYPTIAN HIEROGLYPH E009A  
130DD ☈ EGYPTIAN HIEROGLYPH E010  
130DE ☈ EGYPTIAN HIEROGLYPH E011  
130DF ☈ EGYPTIAN HIEROGLYPH E012  
130E0 ☈ EGYPTIAN HIEROGLYPH E013  
130E1 ☈ EGYPTIAN HIEROGLYPH E014  
130E2 ☈ EGYPTIAN HIEROGLYPH E015  
130E3 ☈ EGYPTIAN HIEROGLYPH E016  
130E4 ☈ EGYPTIAN HIEROGLYPH E016A  
130E5 ☈ EGYPTIAN HIEROGLYPH E017  
130E6 ☈ EGYPTIAN HIEROGLYPH E017A  
130E7 ☈ EGYPTIAN HIEROGLYPH E018  
130E8 ☈ EGYPTIAN HIEROGLYPH E019  
130E9 ☈ EGYPTIAN HIEROGLYPH E020  
130EA ☈ EGYPTIAN HIEROGLYPH E020A  
130EB ☈ EGYPTIAN HIEROGLYPH E021  
130EC ☈ EGYPTIAN HIEROGLYPH E022  
130ED ☈ EGYPTIAN HIEROGLYPH E023  
130EE ☈ EGYPTIAN HIEROGLYPH E024  
130EF ☈ EGYPTIAN HIEROGLYPH E025  
130F0 ☈ EGYPTIAN HIEROGLYPH E026  
130F1 ☈ EGYPTIAN HIEROGLYPH E027  
130F2 ☈ EGYPTIAN HIEROGLYPH E028  
130F3 ☈ EGYPTIAN HIEROGLYPH E028A  
130F4 ☈ EGYPTIAN HIEROGLYPH E029  
130F5 ☈ EGYPTIAN HIEROGLYPH E030  
130F6 ☈ EGYPTIAN HIEROGLYPH E031  
130F7 ☈ EGYPTIAN HIEROGLYPH E032  
130F8 ☈ EGYPTIAN HIEROGLYPH E033  
130F9 ☈ EGYPTIAN HIEROGLYPH E034  
130FA ☈ EGYPTIAN HIEROGLYPH E034A  
130FB ☈ EGYPTIAN HIEROGLYPH E036  
130FC ☈ EGYPTIAN HIEROGLYPH E037  
130FD ☈ EGYPTIAN HIEROGLYPH E038

**F. Parts of mammals**

- 130FE ☈ EGYPTIAN HIEROGLYPH F001  
130FF ☈ EGYPTIAN HIEROGLYPH F001A  
13100 ☈ EGYPTIAN HIEROGLYPH F002  
13101 ☈ EGYPTIAN HIEROGLYPH F003  
13102 ☈ EGYPTIAN HIEROGLYPH F004  
13103 ☈ EGYPTIAN HIEROGLYPH F005  
13104 ☈ EGYPTIAN HIEROGLYPH F006  
13105 ☈ EGYPTIAN HIEROGLYPH F007  
13106 ☈ EGYPTIAN HIEROGLYPH F008  
13107 ☈ EGYPTIAN HIEROGLYPH F009  
13108 ☈ EGYPTIAN HIEROGLYPH F010

- 13109 ☈ EGYPTIAN HIEROGLYPH F011  
1310A ☈ EGYPTIAN HIEROGLYPH F012  
1310B ☈ EGYPTIAN HIEROGLYPH F013  
1310C ☈ EGYPTIAN HIEROGLYPH F013A  
1310D ☈ EGYPTIAN HIEROGLYPH F014  
1310E ☈ EGYPTIAN HIEROGLYPH F015  
1310F ☈ EGYPTIAN HIEROGLYPH F016  
13110 ☈ EGYPTIAN HIEROGLYPH F017  
13111 ☈ EGYPTIAN HIEROGLYPH F018  
13112 ☈ EGYPTIAN HIEROGLYPH F019  
13113 ☈ EGYPTIAN HIEROGLYPH F020  
13114 ☈ EGYPTIAN HIEROGLYPH F021  
13115 ☈ EGYPTIAN HIEROGLYPH F021A  
13116 ☈ EGYPTIAN HIEROGLYPH F022  
13117 ☈ EGYPTIAN HIEROGLYPH F023  
13118 ☈ EGYPTIAN HIEROGLYPH F024  
13119 ☈ EGYPTIAN HIEROGLYPH F025  
1311A ☈ EGYPTIAN HIEROGLYPH F026  
1311B ☈ EGYPTIAN HIEROGLYPH F027  
1311C ☈ EGYPTIAN HIEROGLYPH F028  
1311D ☈ EGYPTIAN HIEROGLYPH F029  
1311E ☈ EGYPTIAN HIEROGLYPH F030  
1311F ☈ EGYPTIAN HIEROGLYPH F031  
13120 ☈ EGYPTIAN HIEROGLYPH F031A  
13121 ☈ EGYPTIAN HIEROGLYPH F032  
• transliterated as 1E96 ℥  
13122 ☈ EGYPTIAN HIEROGLYPH F033  
13123 ☈ EGYPTIAN HIEROGLYPH F034  
13124 ☈ EGYPTIAN HIEROGLYPH F035  
13125 ☈ EGYPTIAN HIEROGLYPH F036  
13126 ☈ EGYPTIAN HIEROGLYPH F037  
13127 ☈ EGYPTIAN HIEROGLYPH F037A  
13128 ☈ EGYPTIAN HIEROGLYPH F038  
13129 ☈ EGYPTIAN HIEROGLYPH F038A  
1312A ☈ EGYPTIAN HIEROGLYPH F039  
1312B ☈ EGYPTIAN HIEROGLYPH F040  
1312C ☈ EGYPTIAN HIEROGLYPH F041  
1312D ☈ EGYPTIAN HIEROGLYPH F042  
1312E ☈ EGYPTIAN HIEROGLYPH F043  
1312F ☈ EGYPTIAN HIEROGLYPH F044  
13130 ☈ EGYPTIAN HIEROGLYPH F045  
13131 ☈ EGYPTIAN HIEROGLYPH F045A  
13132 ☈ EGYPTIAN HIEROGLYPH F046  
13133 ☈ EGYPTIAN HIEROGLYPH F046A  
13134 ☈ EGYPTIAN HIEROGLYPH F047  
13135 ☈ EGYPTIAN HIEROGLYPH F047A  
13136 ☈ EGYPTIAN HIEROGLYPH F048  
13137 ☈ EGYPTIAN HIEROGLYPH F049  
13138 ☈ EGYPTIAN HIEROGLYPH F050  
13139 ☈ EGYPTIAN HIEROGLYPH F051  
1313A ☈ EGYPTIAN HIEROGLYPH F051A  
1313B ☈ EGYPTIAN HIEROGLYPH F051B  
1313C ☈ EGYPTIAN HIEROGLYPH F051C  
1313D ☈ EGYPTIAN HIEROGLYPH F052  
1313E ☈ EGYPTIAN HIEROGLYPH F053

**G. Birds**

- 1313F ☈ EGYPTIAN HIEROGLYPH G001  
• transliterated as A723 ئ  
→ 05D0 ☈ hebrew letter alef  
→ 0623 ☈ arabic letter alef with hamza above  
13140 ☈ EGYPTIAN HIEROGLYPH G002

13141

## Egyptian Hieroglyphs

131AF

13141		EGYPTIAN HIEROGLYPH G003
13142		EGYPTIAN HIEROGLYPH G004
13143		EGYPTIAN HIEROGLYPH G005
13144		EGYPTIAN HIEROGLYPH G006
13145		EGYPTIAN HIEROGLYPH G006A
13146		EGYPTIAN HIEROGLYPH G007
13147		EGYPTIAN HIEROGLYPH G007A
13148		EGYPTIAN HIEROGLYPH G007B
13149		EGYPTIAN HIEROGLYPH G008
1314A		EGYPTIAN HIEROGLYPH G009
1314B		EGYPTIAN HIEROGLYPH G010
1314C		EGYPTIAN HIEROGLYPH G011
1314D		EGYPTIAN HIEROGLYPH G011A
1314E		EGYPTIAN HIEROGLYPH G012
1314F		EGYPTIAN HIEROGLYPH G013
13150		EGYPTIAN HIEROGLYPH G014
13151		EGYPTIAN HIEROGLYPH G015
13152		EGYPTIAN HIEROGLYPH G016
13153		EGYPTIAN HIEROGLYPH G017
	• transliterated as m	
13154		EGYPTIAN HIEROGLYPH G018
13155		EGYPTIAN HIEROGLYPH G019
13156		EGYPTIAN HIEROGLYPH G020
13157		EGYPTIAN HIEROGLYPH G020A
13158		EGYPTIAN HIEROGLYPH G021
13159		EGYPTIAN HIEROGLYPH G022
1315A		EGYPTIAN HIEROGLYPH G023
1315B		EGYPTIAN HIEROGLYPH G024
1315C		EGYPTIAN HIEROGLYPH G025
1315D		EGYPTIAN HIEROGLYPH G026
1315E		EGYPTIAN HIEROGLYPH G026A
1315F		EGYPTIAN HIEROGLYPH G027
13160		EGYPTIAN HIEROGLYPH G028
13161		EGYPTIAN HIEROGLYPH G029
13162		EGYPTIAN HIEROGLYPH G030
13163		EGYPTIAN HIEROGLYPH G031
13164		EGYPTIAN HIEROGLYPH G032
13165		EGYPTIAN HIEROGLYPH G033
13166		EGYPTIAN HIEROGLYPH G034
13167		EGYPTIAN HIEROGLYPH G035
13168		EGYPTIAN HIEROGLYPH G036
13169		EGYPTIAN HIEROGLYPH G036A
1316A		EGYPTIAN HIEROGLYPH G037
1316B		EGYPTIAN HIEROGLYPH G037A
1316C		EGYPTIAN HIEROGLYPH G038
1316D		EGYPTIAN HIEROGLYPH G039
1316E		EGYPTIAN HIEROGLYPH G040
1316F		EGYPTIAN HIEROGLYPH G041
13170		EGYPTIAN HIEROGLYPH G042
13171		EGYPTIAN HIEROGLYPH G043
	• transliterated as w	
13172		EGYPTIAN HIEROGLYPH G043A
13173		EGYPTIAN HIEROGLYPH G044
13174		EGYPTIAN HIEROGLYPH G045
13175		EGYPTIAN HIEROGLYPH G045A
13176		EGYPTIAN HIEROGLYPH G046
13177		EGYPTIAN HIEROGLYPH G047
13178		EGYPTIAN HIEROGLYPH G048
13179		EGYPTIAN HIEROGLYPH G049
1317A		EGYPTIAN HIEROGLYPH G050
1317B		EGYPTIAN HIEROGLYPH G051
1317C		EGYPTIAN HIEROGLYPH G052

1317D		EGYPTIAN HIEROGLYPH G053
1317E		EGYPTIAN HIEROGLYPH G054

**H. Parts of birds**

1317F		EGYPTIAN HIEROGLYPH H001
13180		EGYPTIAN HIEROGLYPH H002
13181		EGYPTIAN HIEROGLYPH H003
13182		EGYPTIAN HIEROGLYPH H004
13183		EGYPTIAN HIEROGLYPH H005
13184		EGYPTIAN HIEROGLYPH H006
13185		EGYPTIAN HIEROGLYPH H006A
13186		EGYPTIAN HIEROGLYPH H007
13187		EGYPTIAN HIEROGLYPH H008

**I. Amphibious animals, reptiles, etc.**

13188		EGYPTIAN HIEROGLYPH I001
13189		EGYPTIAN HIEROGLYPH I002
1318A		EGYPTIAN HIEROGLYPH I003
1318B		EGYPTIAN HIEROGLYPH I004
1318C		EGYPTIAN HIEROGLYPH I005
1318D		EGYPTIAN HIEROGLYPH I005A
1318E		EGYPTIAN HIEROGLYPH I006
1318F		EGYPTIAN HIEROGLYPH I007
13190		EGYPTIAN HIEROGLYPH I008
	• 100,000	
13191		EGYPTIAN HIEROGLYPH I009
	• transliterated as f	
13192		EGYPTIAN HIEROGLYPH I009A
13193		EGYPTIAN HIEROGLYPH I010
	• transliterated as EOF d	
13194		EGYPTIAN HIEROGLYPH I010A
13195		EGYPTIAN HIEROGLYPH I011
13196		EGYPTIAN HIEROGLYPH I011A
13197		EGYPTIAN HIEROGLYPH I012
13198		EGYPTIAN HIEROGLYPH I013
13199		EGYPTIAN HIEROGLYPH I014
1319A		EGYPTIAN HIEROGLYPH I015

**K. Fishes and parts of fishes**

1319B		EGYPTIAN HIEROGLYPH K001
1319C		EGYPTIAN HIEROGLYPH K002
1319D		EGYPTIAN HIEROGLYPH K003
1319E		EGYPTIAN HIEROGLYPH K004
1319F		EGYPTIAN HIEROGLYPH K005
131A0		EGYPTIAN HIEROGLYPH K006
131A1		EGYPTIAN HIEROGLYPH K007
131A2		EGYPTIAN HIEROGLYPH K008

**L. Invertabrata and lesser animals**

131A3		EGYPTIAN HIEROGLYPH L001
131A4		EGYPTIAN HIEROGLYPH L002
131A5		EGYPTIAN HIEROGLYPH L002A
131A6		EGYPTIAN HIEROGLYPH L003
131A7		EGYPTIAN HIEROGLYPH L004
131A8		EGYPTIAN HIEROGLYPH L005
131A9		EGYPTIAN HIEROGLYPH L006
131AA		EGYPTIAN HIEROGLYPH L006A
131AB		EGYPTIAN HIEROGLYPH L007
131AC		EGYPTIAN HIEROGLYPH L008

**M. Trees and plants**

131AD		EGYPTIAN HIEROGLYPH M001
131AE		EGYPTIAN HIEROGLYPH M001A
131AF		EGYPTIAN HIEROGLYPH M001B

131B0		EGYPTIAN HIEROGLYPH M002
131B1		EGYPTIAN HIEROGLYPH M003
131B2		EGYPTIAN HIEROGLYPH M003A
131B3		EGYPTIAN HIEROGLYPH M004
131B4		EGYPTIAN HIEROGLYPH M005
131B5		EGYPTIAN HIEROGLYPH M006
131B6		EGYPTIAN HIEROGLYPH M007
131B7		EGYPTIAN HIEROGLYPH M008
131B8		EGYPTIAN HIEROGLYPH M009
131B9		EGYPTIAN HIEROGLYPH M010
131BA		EGYPTIAN HIEROGLYPH M010A
131BB		EGYPTIAN HIEROGLYPH M011
131BC		EGYPTIAN HIEROGLYPH M012
	• 1,000	
131BD		EGYPTIAN HIEROGLYPH M012A
	• 2,000	
131BE		EGYPTIAN HIEROGLYPH M012B
	• 3,000	
131BF		EGYPTIAN HIEROGLYPH M012C
	• 4,000	
131C0		EGYPTIAN HIEROGLYPH M012D
	• 5,000	
131C1		EGYPTIAN HIEROGLYPH M012E
	• 6,000	
131C2		EGYPTIAN HIEROGLYPH M012F
	• 7,000	
131C3		EGYPTIAN HIEROGLYPH M012G
	• 8,000	
131C4		EGYPTIAN HIEROGLYPH M012H
	• 9,000	
131C5		EGYPTIAN HIEROGLYPH M013
131C6		EGYPTIAN HIEROGLYPH M014
131C7		EGYPTIAN HIEROGLYPH M015
131C8		EGYPTIAN HIEROGLYPH M015A
131C9		EGYPTIAN HIEROGLYPH M016
131CA		EGYPTIAN HIEROGLYPH M016A
131CB		EGYPTIAN HIEROGLYPH M017
	• yod	
	→ 05D9 ⠁ hebrew letter yod	
	→ 064A ﯈ arabic letter yeh	
131CC		EGYPTIAN HIEROGLYPH M017A
	• transliterated as y	
	→ 133ED ﯈ egyptian hieroglyph z004	
131CD		EGYPTIAN HIEROGLYPH M018
131CE		EGYPTIAN HIEROGLYPH M019
131CF		EGYPTIAN HIEROGLYPH M020
131D0		EGYPTIAN HIEROGLYPH M021
131D1		EGYPTIAN HIEROGLYPH M022
131D2		EGYPTIAN HIEROGLYPH M022A
131D3		EGYPTIAN HIEROGLYPH M023
131D4		EGYPTIAN HIEROGLYPH M024
131D5		EGYPTIAN HIEROGLYPH M024A
131D6		EGYPTIAN HIEROGLYPH M025
131D7		EGYPTIAN HIEROGLYPH M026
131D8		EGYPTIAN HIEROGLYPH M027
131D9		EGYPTIAN HIEROGLYPH M028
131DA		EGYPTIAN HIEROGLYPH M028A
131DB		EGYPTIAN HIEROGLYPH M029
131DC		EGYPTIAN HIEROGLYPH M030
131DD		EGYPTIAN HIEROGLYPH M031
131DE		EGYPTIAN HIEROGLYPH M031A
131DF		EGYPTIAN HIEROGLYPH M032

131E0		EGYPTIAN HIEROGLYPH M033
131E1		EGYPTIAN HIEROGLYPH M033A
131E2		EGYPTIAN HIEROGLYPH M033B
131E3		EGYPTIAN HIEROGLYPH M034
131E4		EGYPTIAN HIEROGLYPH M035
131E5		EGYPTIAN HIEROGLYPH M036
131E6		EGYPTIAN HIEROGLYPH M037
131E7		EGYPTIAN HIEROGLYPH M038
131E8		EGYPTIAN HIEROGLYPH M039
131E9		EGYPTIAN HIEROGLYPH M040
131EA		EGYPTIAN HIEROGLYPH M040A
131EB		EGYPTIAN HIEROGLYPH M041
131EC		EGYPTIAN HIEROGLYPH M042
131ED		EGYPTIAN HIEROGLYPH M043
131EE		EGYPTIAN HIEROGLYPH M044

**N. Sky, earth, water**

131EF		EGYPTIAN HIEROGLYPH N001
131F0		EGYPTIAN HIEROGLYPH N002
131F1		EGYPTIAN HIEROGLYPH N003
131F2		EGYPTIAN HIEROGLYPH N004
131F3		EGYPTIAN HIEROGLYPH N005
131F4		EGYPTIAN HIEROGLYPH N006
131F5		EGYPTIAN HIEROGLYPH N007
131F6		EGYPTIAN HIEROGLYPH N008
131F7		EGYPTIAN HIEROGLYPH N009
131F8		EGYPTIAN HIEROGLYPH N010
131F9		EGYPTIAN HIEROGLYPH N011
131FA		EGYPTIAN HIEROGLYPH N012
131FB		EGYPTIAN HIEROGLYPH N013
131FC		EGYPTIAN HIEROGLYPH N014
131FD		EGYPTIAN HIEROGLYPH N015
131FE		EGYPTIAN HIEROGLYPH N016
131FF		EGYPTIAN HIEROGLYPH N017
13200		EGYPTIAN HIEROGLYPH N018
13201		EGYPTIAN HIEROGLYPH N018A
13202		EGYPTIAN HIEROGLYPH N018B
13203		EGYPTIAN HIEROGLYPH N019
13204		EGYPTIAN HIEROGLYPH N020
13205		EGYPTIAN HIEROGLYPH N021
13206		EGYPTIAN HIEROGLYPH N022
13207		EGYPTIAN HIEROGLYPH N023
13208		EGYPTIAN HIEROGLYPH N024
13209		EGYPTIAN HIEROGLYPH N025
1320A		EGYPTIAN HIEROGLYPH N025A
1320B		EGYPTIAN HIEROGLYPH N026
1320C		EGYPTIAN HIEROGLYPH N027
1320D		EGYPTIAN HIEROGLYPH N028
1320E		EGYPTIAN HIEROGLYPH N029
	• transliterated as q or as 1E33 ܍	
	→ 05E7 ܏ hebrew letter qof	
	→ 0642 ܓ arabic letter qaf	
1320F		EGYPTIAN HIEROGLYPH N030
13210		EGYPTIAN HIEROGLYPH N031
13211		EGYPTIAN HIEROGLYPH N032
13212		EGYPTIAN HIEROGLYPH N033
13213		EGYPTIAN HIEROGLYPH N033A
13214		EGYPTIAN HIEROGLYPH N034
13215		EGYPTIAN HIEROGLYPH N034A
13216		EGYPTIAN HIEROGLYPH N035
	• transliterated as n	
13217		EGYPTIAN HIEROGLYPH N035A

13218

## Egyptian Hieroglyphs

13281

- 13218 EGYPTIAN HIEROGLYPH N036  
 13219 EGYPTIAN HIEROGLYPH N037  
   • transliterated as 0161 š  
 1321A EGYPTIAN HIEROGLYPH N037A  
 1321B EGYPTIAN HIEROGLYPH N038  
 1321C EGYPTIAN HIEROGLYPH N039  
 1321D EGYPTIAN HIEROGLYPH N040  
 1321E EGYPTIAN HIEROGLYPH N041  
 1321F EGYPTIAN HIEROGLYPH N042

**NL. Nomes of Lower Egypt**

- 13220 EGYPTIAN HIEROGLYPH NL001  
 13221 EGYPTIAN HIEROGLYPH NL002  
 13222 EGYPTIAN HIEROGLYPH NL003  
 13223 EGYPTIAN HIEROGLYPH NL004  
 13224 EGYPTIAN HIEROGLYPH NL005  
 13225 EGYPTIAN HIEROGLYPH NL005A  
 13226 EGYPTIAN HIEROGLYPH NL006  
 13227 EGYPTIAN HIEROGLYPH NL007  
 13228 EGYPTIAN HIEROGLYPH NL008  
 13229 EGYPTIAN HIEROGLYPH NL009  
 1322A EGYPTIAN HIEROGLYPH NL010  
 1322B EGYPTIAN HIEROGLYPH NL011  
 1322C EGYPTIAN HIEROGLYPH NL012  
 1322D EGYPTIAN HIEROGLYPH NL013  
 1322E EGYPTIAN HIEROGLYPH NL014  
 1322F EGYPTIAN HIEROGLYPH NL015  
 13230 EGYPTIAN HIEROGLYPH NL016  
 13231 EGYPTIAN HIEROGLYPH NL017  
 13232 EGYPTIAN HIEROGLYPH NL017A  
 13233 EGYPTIAN HIEROGLYPH NL018  
 13234 EGYPTIAN HIEROGLYPH NL019  
 13235 EGYPTIAN HIEROGLYPH NL020

**NU. Nomes of Upper Egypt**

- 13236 EGYPTIAN HIEROGLYPH NU001  
 13237 EGYPTIAN HIEROGLYPH NU002  
 13238 EGYPTIAN HIEROGLYPH NU003  
 13239 EGYPTIAN HIEROGLYPH NU004  
 1323A EGYPTIAN HIEROGLYPH NU005  
 1323B EGYPTIAN HIEROGLYPH NU006  
 1323C EGYPTIAN HIEROGLYPH NU007  
 1323D EGYPTIAN HIEROGLYPH NU008  
 1323E EGYPTIAN HIEROGLYPH NU009  
 1323F EGYPTIAN HIEROGLYPH NU010  
 13240 EGYPTIAN HIEROGLYPH NU010A  
 13241 EGYPTIAN HIEROGLYPH NU011  
 13242 EGYPTIAN HIEROGLYPH NU011A  
 13243 EGYPTIAN HIEROGLYPH NU012  
 13244 EGYPTIAN HIEROGLYPH NU013  
 13245 EGYPTIAN HIEROGLYPH NU014  
 13246 EGYPTIAN HIEROGLYPH NU015  
 13247 EGYPTIAN HIEROGLYPH NU016  
 13248 EGYPTIAN HIEROGLYPH NU017  
 13249 EGYPTIAN HIEROGLYPH NU018  
 1324A EGYPTIAN HIEROGLYPH NU018A  
 1324B EGYPTIAN HIEROGLYPH NU019  
 1324C EGYPTIAN HIEROGLYPH NU020  
 1324D EGYPTIAN HIEROGLYPH NU021  
 1324E EGYPTIAN HIEROGLYPH NU022  
 1324F EGYPTIAN HIEROGLYPH NU022A

**O. Buildings, parts of buildings, etc.**

- 13250 EGYPTIAN HIEROGLYPH 0001  
 13251 EGYPTIAN HIEROGLYPH 0001A  
 13252 EGYPTIAN HIEROGLYPH 0002  
 13253 EGYPTIAN HIEROGLYPH 0003  
 13254 EGYPTIAN HIEROGLYPH 0004  
   • transliterated as h  
   → 05D4 hebrew letter he  
   → 0647 arabic letter heh  
 13255 EGYPTIAN HIEROGLYPH 0005  
 13256 EGYPTIAN HIEROGLYPH 0005A  
 13257 EGYPTIAN HIEROGLYPH 0006  
 13258 EGYPTIAN HIEROGLYPH 0006A  
   • beginning of hwt or serekh enclosure  
   → 13282 egyptian hieroglyph 0033a  
 13259 EGYPTIAN HIEROGLYPH 0006B  
   • beginning of low hwt enclosure  
 1325A EGYPTIAN HIEROGLYPH 0006C  
   • beginning of high hwt enclosure  
 1325B EGYPTIAN HIEROGLYPH 0006D  
   • end of high hwt enclosure  
 1325C EGYPTIAN HIEROGLYPH 0006E  
   • end of low hwt enclosure  
 1325D EGYPTIAN HIEROGLYPH 0006F  
   • end of hwt enclosure  
 1325E EGYPTIAN HIEROGLYPH 0007  
 1325F EGYPTIAN HIEROGLYPH 0008  
 13260 EGYPTIAN HIEROGLYPH 0009  
 13261 EGYPTIAN HIEROGLYPH 0010  
 13262 EGYPTIAN HIEROGLYPH 0010A  
 13263 EGYPTIAN HIEROGLYPH 0010B  
 13264 EGYPTIAN HIEROGLYPH 0010C  
 13265 EGYPTIAN HIEROGLYPH 0011  
 13266 EGYPTIAN HIEROGLYPH 0012  
 13267 EGYPTIAN HIEROGLYPH 0013  
 13268 EGYPTIAN HIEROGLYPH 0014  
 13269 EGYPTIAN HIEROGLYPH 0015  
 1326A EGYPTIAN HIEROGLYPH 0016  
 1326B EGYPTIAN HIEROGLYPH 0017  
 1326C EGYPTIAN HIEROGLYPH 0018  
 1326D EGYPTIAN HIEROGLYPH 0019  
 1326E EGYPTIAN HIEROGLYPH 0019A  
 1326F EGYPTIAN HIEROGLYPH 0020  
 13270 EGYPTIAN HIEROGLYPH 0020A  
 13271 EGYPTIAN HIEROGLYPH 0021  
 13272 EGYPTIAN HIEROGLYPH 0022  
 13273 EGYPTIAN HIEROGLYPH 0023  
 13274 EGYPTIAN HIEROGLYPH 0024  
 13275 EGYPTIAN HIEROGLYPH 0024A  
 13276 EGYPTIAN HIEROGLYPH 0025  
 13277 EGYPTIAN HIEROGLYPH 0025A  
 13278 EGYPTIAN HIEROGLYPH 0026  
 13279 EGYPTIAN HIEROGLYPH 0027  
 1327A EGYPTIAN HIEROGLYPH 0028  
 1327B EGYPTIAN HIEROGLYPH 0029  
 1327C EGYPTIAN HIEROGLYPH 0029A  
 1327D EGYPTIAN HIEROGLYPH 0030  
 1327E EGYPTIAN HIEROGLYPH 0030A  
 1327F EGYPTIAN HIEROGLYPH 0031  
 13280 EGYPTIAN HIEROGLYPH 0032  
 13281 EGYPTIAN HIEROGLYPH 0033

13282		EGYPTIAN HIEROGLYPH 0033A • end of serekh enclosure → 13258 [ egyptian hieroglyph 0006a
13283		EGYPTIAN HIEROGLYPH 0034 • transliterated as s or as z → 132F4 [ egyptian hieroglyph s029
13284		EGYPTIAN HIEROGLYPH 0035
13285		EGYPTIAN HIEROGLYPH 0036
13286		EGYPTIAN HIEROGLYPH 0036A • beginning of fortified wall cartouche
13287		EGYPTIAN HIEROGLYPH 0036B • end of fortified wall cartouche
13288		EGYPTIAN HIEROGLYPH 0036C • beginning of fortified wall enclosure
13289		EGYPTIAN HIEROGLYPH 0036D • end of fortified wall enclosure
1328A		EGYPTIAN HIEROGLYPH 0037
1328B		EGYPTIAN HIEROGLYPH 0038
1328C		EGYPTIAN HIEROGLYPH 0039
1328D		EGYPTIAN HIEROGLYPH 0040
1328E		EGYPTIAN HIEROGLYPH 0041
1328F		EGYPTIAN HIEROGLYPH 0042
13290		EGYPTIAN HIEROGLYPH 0043
13291		EGYPTIAN HIEROGLYPH 0044
13292		EGYPTIAN HIEROGLYPH 0045
13293		EGYPTIAN HIEROGLYPH 0046
13294		EGYPTIAN HIEROGLYPH 0047
13295		EGYPTIAN HIEROGLYPH 0048
13296		EGYPTIAN HIEROGLYPH 0049
13297		EGYPTIAN HIEROGLYPH 0050
13298		EGYPTIAN HIEROGLYPH 0050A
13299		EGYPTIAN HIEROGLYPH 0050B
1329A		EGYPTIAN HIEROGLYPH 0051

**P. Ships and parts of ships**

1329B		EGYPTIAN HIEROGLYPH P001
1329C		EGYPTIAN HIEROGLYPH P001A
1329D		EGYPTIAN HIEROGLYPH P002
1329E		EGYPTIAN HIEROGLYPH P003
1329F		EGYPTIAN HIEROGLYPH P003A
132A0		EGYPTIAN HIEROGLYPH P004
132A1		EGYPTIAN HIEROGLYPH P005
132A2		EGYPTIAN HIEROGLYPH P006
132A3		EGYPTIAN HIEROGLYPH P007
132A4		EGYPTIAN HIEROGLYPH P008
132A5		EGYPTIAN HIEROGLYPH P009
132A6		EGYPTIAN HIEROGLYPH P010
132A7		EGYPTIAN HIEROGLYPH P011

**Q. Domestic and funerary furniture**

132A8		EGYPTIAN HIEROGLYPH Q001
132A9		EGYPTIAN HIEROGLYPH Q002
132AA		EGYPTIAN HIEROGLYPH Q003 • transliterated as p
132AB		EGYPTIAN HIEROGLYPH Q004
132AC		EGYPTIAN HIEROGLYPH Q005
132AD		EGYPTIAN HIEROGLYPH Q006
132AE		EGYPTIAN HIEROGLYPH Q007

**R. Temple furniture and sacred emblems**

132AF		EGYPTIAN HIEROGLYPH R001
132B0		EGYPTIAN HIEROGLYPH R002
132B1		EGYPTIAN HIEROGLYPH R002A

132B2		EGYPTIAN HIEROGLYPH R003
132B3		EGYPTIAN HIEROGLYPH R003A
132B4		EGYPTIAN HIEROGLYPH R003B
132B5		EGYPTIAN HIEROGLYPH R004
132B6		EGYPTIAN HIEROGLYPH R005
132B7		EGYPTIAN HIEROGLYPH R006
132B8		EGYPTIAN HIEROGLYPH R007
132B9		EGYPTIAN HIEROGLYPH R008
132BA		EGYPTIAN HIEROGLYPH R009
132BB		EGYPTIAN HIEROGLYPH R010
132BC		EGYPTIAN HIEROGLYPH R010A
132BD		EGYPTIAN HIEROGLYPH R011
132BE		EGYPTIAN HIEROGLYPH R012
132BF		EGYPTIAN HIEROGLYPH R013
132C0		EGYPTIAN HIEROGLYPH R014
132C1		EGYPTIAN HIEROGLYPH R015
132C2		EGYPTIAN HIEROGLYPH R016
132C3		EGYPTIAN HIEROGLYPH R016A
132C4		EGYPTIAN HIEROGLYPH R017
132C5		EGYPTIAN HIEROGLYPH R018
132C6		EGYPTIAN HIEROGLYPH R019
132C7		EGYPTIAN HIEROGLYPH R020
132C8		EGYPTIAN HIEROGLYPH R021
132C9		EGYPTIAN HIEROGLYPH R022
132CA		EGYPTIAN HIEROGLYPH R023
132CB		EGYPTIAN HIEROGLYPH R024
132CC		EGYPTIAN HIEROGLYPH R025
132CD		EGYPTIAN HIEROGLYPH R026
132CE		EGYPTIAN HIEROGLYPH R027
132CF		EGYPTIAN HIEROGLYPH R028
132D0		EGYPTIAN HIEROGLYPH R029

**S. Crowns, dress, staves, etc.**

132D1		EGYPTIAN HIEROGLYPH S001
132D2		EGYPTIAN HIEROGLYPH S002
132D3		EGYPTIAN HIEROGLYPH S002A
132D4		EGYPTIAN HIEROGLYPH S003
132D5		EGYPTIAN HIEROGLYPH S004
132D6		EGYPTIAN HIEROGLYPH S005
132D7		EGYPTIAN HIEROGLYPH S006
132D8		EGYPTIAN HIEROGLYPH S006A
132D9		EGYPTIAN HIEROGLYPH S007
132DA		EGYPTIAN HIEROGLYPH S008
132DB		EGYPTIAN HIEROGLYPH S009
132DC		EGYPTIAN HIEROGLYPH S010
132DD		EGYPTIAN HIEROGLYPH S011
132DE		EGYPTIAN HIEROGLYPH S012
132DF		EGYPTIAN HIEROGLYPH S013
132E0		EGYPTIAN HIEROGLYPH S014
132E1		EGYPTIAN HIEROGLYPH S014A
132E2		EGYPTIAN HIEROGLYPH S014B
132E3		EGYPTIAN HIEROGLYPH S015
132E4		EGYPTIAN HIEROGLYPH S016
132E5		EGYPTIAN HIEROGLYPH S017
132E6		EGYPTIAN HIEROGLYPH S017A
132E7		EGYPTIAN HIEROGLYPH S018
132E8		EGYPTIAN HIEROGLYPH S019
132E9		EGYPTIAN HIEROGLYPH S020
132EA		EGYPTIAN HIEROGLYPH S021
132EB		EGYPTIAN HIEROGLYPH S022
132EC		EGYPTIAN HIEROGLYPH S023
132ED		EGYPTIAN HIEROGLYPH S024

132EE		EGYPTIAN HIEROGLYPH S025
132EF		EGYPTIAN HIEROGLYPH S026
132F0		EGYPTIAN HIEROGLYPH S026A
132F1		EGYPTIAN HIEROGLYPH S026B
132F2		EGYPTIAN HIEROGLYPH S027
132F3		EGYPTIAN HIEROGLYPH S028
132F4		EGYPTIAN HIEROGLYPH S029
	• transliterated as s or as z	
	→ 13283	egyptian hieroglyph o034
132F5		EGYPTIAN HIEROGLYPH S030
132F6		EGYPTIAN HIEROGLYPH S031
132F7		EGYPTIAN HIEROGLYPH S032
132F8		EGYPTIAN HIEROGLYPH S033
132F9		EGYPTIAN HIEROGLYPH S034
132FA		EGYPTIAN HIEROGLYPH S035
132FB		EGYPTIAN HIEROGLYPH S035A
132FC		EGYPTIAN HIEROGLYPH S036
132FD		EGYPTIAN HIEROGLYPH S037
132FE		EGYPTIAN HIEROGLYPH S038
132FF		EGYPTIAN HIEROGLYPH S039
13300		EGYPTIAN HIEROGLYPH S040
13301		EGYPTIAN HIEROGLYPH S041
13302		EGYPTIAN HIEROGLYPH S042
13303		EGYPTIAN HIEROGLYPH S043
13304		EGYPTIAN HIEROGLYPH S044
13305		EGYPTIAN HIEROGLYPH S045
13306		EGYPTIAN HIEROGLYPH S046

**T. Warfare, hunting, butchery**

13307		EGYPTIAN HIEROGLYPH T001
13308		EGYPTIAN HIEROGLYPH T002
13309		EGYPTIAN HIEROGLYPH T003
1330A		EGYPTIAN HIEROGLYPH T003A
1330B		EGYPTIAN HIEROGLYPH T004
1330C		EGYPTIAN HIEROGLYPH T005
1330D		EGYPTIAN HIEROGLYPH T006
1330E		EGYPTIAN HIEROGLYPH T007
1330F		EGYPTIAN HIEROGLYPH T007A
13310		EGYPTIAN HIEROGLYPH T008
13311		EGYPTIAN HIEROGLYPH T008A
13312		EGYPTIAN HIEROGLYPH T009
13313		EGYPTIAN HIEROGLYPH T009A
13314		EGYPTIAN HIEROGLYPH T010
13315		EGYPTIAN HIEROGLYPH T011
13316		EGYPTIAN HIEROGLYPH T011A
13317		EGYPTIAN HIEROGLYPH T012
13318		EGYPTIAN HIEROGLYPH T013
13319		EGYPTIAN HIEROGLYPH T014
1331A		EGYPTIAN HIEROGLYPH T015
1331B		EGYPTIAN HIEROGLYPH T016
1331C		EGYPTIAN HIEROGLYPH T016A
1331D		EGYPTIAN HIEROGLYPH T017
1331E		EGYPTIAN HIEROGLYPH T018
1331F		EGYPTIAN HIEROGLYPH T019
13320		EGYPTIAN HIEROGLYPH T020
13321		EGYPTIAN HIEROGLYPH T021
13322		EGYPTIAN HIEROGLYPH T022
13323		EGYPTIAN HIEROGLYPH T023
13324		EGYPTIAN HIEROGLYPH T024
13325		EGYPTIAN HIEROGLYPH T025
13326		EGYPTIAN HIEROGLYPH T026
13327		EGYPTIAN HIEROGLYPH T027

13328		EGYPTIAN HIEROGLYPH T028
13329		EGYPTIAN HIEROGLYPH T029
1332A		EGYPTIAN HIEROGLYPH T030
1332B		EGYPTIAN HIEROGLYPH T031
1332C		EGYPTIAN HIEROGLYPH T032
1332D		EGYPTIAN HIEROGLYPH T032A
1332E		EGYPTIAN HIEROGLYPH T033
1332F		EGYPTIAN HIEROGLYPH T033A
13330		EGYPTIAN HIEROGLYPH T034
13331		EGYPTIAN HIEROGLYPH T035
13332		EGYPTIAN HIEROGLYPH T036

**U. Agriculture, crafts, and professions**

13333		EGYPTIAN HIEROGLYPH U001
13334		EGYPTIAN HIEROGLYPH U002
13335		EGYPTIAN HIEROGLYPH U003
13336		EGYPTIAN HIEROGLYPH U004
13337		EGYPTIAN HIEROGLYPH U005
13338		EGYPTIAN HIEROGLYPH U006
13339		EGYPTIAN HIEROGLYPH U006A
1333A		EGYPTIAN HIEROGLYPH U006B
1333B		EGYPTIAN HIEROGLYPH U007
1333C		EGYPTIAN HIEROGLYPH U008
1333D		EGYPTIAN HIEROGLYPH U009
1333E		EGYPTIAN HIEROGLYPH U010
1333F		EGYPTIAN HIEROGLYPH U011
13340		EGYPTIAN HIEROGLYPH U012
13341		EGYPTIAN HIEROGLYPH U013
13342		EGYPTIAN HIEROGLYPH U014
13343		EGYPTIAN HIEROGLYPH U015
13344		EGYPTIAN HIEROGLYPH U016
13345		EGYPTIAN HIEROGLYPH U017
13346		EGYPTIAN HIEROGLYPH U018
13347		EGYPTIAN HIEROGLYPH U019
13348		EGYPTIAN HIEROGLYPH U020
13349		EGYPTIAN HIEROGLYPH U021
1334A		EGYPTIAN HIEROGLYPH U022
1334B		EGYPTIAN HIEROGLYPH U023
1334C		EGYPTIAN HIEROGLYPH U023A
1334D		EGYPTIAN HIEROGLYPH U024
1334E		EGYPTIAN HIEROGLYPH U025
1334F		EGYPTIAN HIEROGLYPH U026
13350		EGYPTIAN HIEROGLYPH U027
13351		EGYPTIAN HIEROGLYPH U028
13352		EGYPTIAN HIEROGLYPH U029
13353		EGYPTIAN HIEROGLYPH U029A
13354		EGYPTIAN HIEROGLYPH U030
13355		EGYPTIAN HIEROGLYPH U031
13356		EGYPTIAN HIEROGLYPH U032
13357		EGYPTIAN HIEROGLYPH U032A
13358		EGYPTIAN HIEROGLYPH U033
13359		EGYPTIAN HIEROGLYPH U034
1335A		EGYPTIAN HIEROGLYPH U035
1335B		EGYPTIAN HIEROGLYPH U036
1335C		EGYPTIAN HIEROGLYPH U037
1335D		EGYPTIAN HIEROGLYPH U038
1335E		EGYPTIAN HIEROGLYPH U039
1335F		EGYPTIAN HIEROGLYPH U040
13360		EGYPTIAN HIEROGLYPH U041
13361		EGYPTIAN HIEROGLYPH U042

**V. Rope, fiber, baskets, bags, etc.**

13362	𓂋	EGYPTIAN HIEROGLYPH V001
	• 100	
13363	𓂌	EGYPTIAN HIEROGLYPH V001A
	• 200	
13364	𓂌	EGYPTIAN HIEROGLYPH V001B
	• 300	
13365	𓂌	EGYPTIAN HIEROGLYPH V001C
	• 400	
13366	𓂌	EGYPTIAN HIEROGLYPH V001D
	• 500	
13367	𓂌	EGYPTIAN HIEROGLYPH V001E
	• 600	
13368	𓂌	EGYPTIAN HIEROGLYPH V001F
	• 700	
13369	𓂌	EGYPTIAN HIEROGLYPH V001G
	• 800	
1336A	𓂌	EGYPTIAN HIEROGLYPH V001H
	• 900	
1336B	𓂌	EGYPTIAN HIEROGLYPH V001I
	• 500	
1336C	𓏏	EGYPTIAN HIEROGLYPH V002
1336D	𓏏	EGYPTIAN HIEROGLYPH V002A
1336E	𓏏	EGYPTIAN HIEROGLYPH V003
1336F	𓏏	EGYPTIAN HIEROGLYPH V004
13370	𓏏	EGYPTIAN HIEROGLYPH V005
13371	𓏏	EGYPTIAN HIEROGLYPH V006
13372	𓏏	EGYPTIAN HIEROGLYPH V007
13373	𓏏	EGYPTIAN HIEROGLYPH V007A
13374	𓏏	EGYPTIAN HIEROGLYPH V007B
13375	𓏏	EGYPTIAN HIEROGLYPH V008
13376	𓏏	EGYPTIAN HIEROGLYPH V009
13377	𓏏	EGYPTIAN HIEROGLYPH V010
13378	𓏏	EGYPTIAN HIEROGLYPH V011
13379	𓏏	EGYPTIAN HIEROGLYPH V011A
	• beginning of cartouche	
1337A	𓏏	EGYPTIAN HIEROGLYPH V011B
	• end of cartouche	
1337B	𓏏	EGYPTIAN HIEROGLYPH V011C
	• end of knotless cartouche	
1337C	𓏏	EGYPTIAN HIEROGLYPH V012
1337D	𓏏	EGYPTIAN HIEROGLYPH V012A
1337E	𓏏	EGYPTIAN HIEROGLYPH V012B
1337F	𓏏	EGYPTIAN HIEROGLYPH V013
	• transliterated as 1E6F ՚	
13380	𓏏	EGYPTIAN HIEROGLYPH V014
13381	𓏏	EGYPTIAN HIEROGLYPH V015
13382	𓏏	EGYPTIAN HIEROGLYPH V016
13383	𓏏	EGYPTIAN HIEROGLYPH V017
13384	𓏏	EGYPTIAN HIEROGLYPH V018
13385	𓏏	EGYPTIAN HIEROGLYPH V019
13386	𓈖	EGYPTIAN HIEROGLYPH V020
	• 10	
13387	𓈖	EGYPTIAN HIEROGLYPH V020A
	• 20	
13388	𓈖	EGYPTIAN HIEROGLYPH V020B
	• 30	
13389	𓈖	EGYPTIAN HIEROGLYPH V020C
	• 40	
1338A	𓈖	EGYPTIAN HIEROGLYPH V020D
	• 50	

**1338B 𓂓 EGYPTIAN HIEROGLYPH V020E**

• 60

**1338C 𓂓 EGYPTIAN HIEROGLYPH V020F**

• 70

**1338D 𓂓 EGYPTIAN HIEROGLYPH V020G**

• 80

**1338E 𓂓 EGYPTIAN HIEROGLYPH V020H**

• 90

**1338F 𓈖 EGYPTIAN HIEROGLYPH V020I**

• 20

**13390 𓈖 EGYPTIAN HIEROGLYPH V020J**

• 30

**13391 𓈖 EGYPTIAN HIEROGLYPH V020K**

• 40

**13392 𓈖 EGYPTIAN HIEROGLYPH V020L**

• 50

**13393 𓁃 EGYPTIAN HIEROGLYPH V021****13394 𓁃 EGYPTIAN HIEROGLYPH V022****13395 𓁃 EGYPTIAN HIEROGLYPH V023****13396 𓁃 EGYPTIAN HIEROGLYPH V023A****13397 𓁃 EGYPTIAN HIEROGLYPH V024****13398 𓁃 EGYPTIAN HIEROGLYPH V025****13399 𓁃 EGYPTIAN HIEROGLYPH V026****1339A 𓁃 EGYPTIAN HIEROGLYPH V027****1339B 𓁃 EGYPTIAN HIEROGLYPH V028**

• transliterated as 1E25 ՚

→ 062D ՚ arabic letter hah

**1339C 𓁃 EGYPTIAN HIEROGLYPH V028A****1339D 𓁃 EGYPTIAN HIEROGLYPH V029****1339E 𓁃 EGYPTIAN HIEROGLYPH V029A****1339F 𓁃 EGYPTIAN HIEROGLYPH V030****133A0 𓁃 EGYPTIAN HIEROGLYPH V030A****133A1 𓁃 EGYPTIAN HIEROGLYPH V031**

• transliterated as k

→ 05DB ܟ hebrew letter kaf

→ 0643 ݂ arabic letter kaf

**133A2 𓁃 EGYPTIAN HIEROGLYPH V031A****133A3 𓁃 EGYPTIAN HIEROGLYPH V032****133A4 𓁃 EGYPTIAN HIEROGLYPH V033****133A5 𓁃 EGYPTIAN HIEROGLYPH V033A****133A6 𓁃 EGYPTIAN HIEROGLYPH V034****133A7 𓁃 EGYPTIAN HIEROGLYPH V035****133A8 𓁃 EGYPTIAN HIEROGLYPH V036****133A9 𓁃 EGYPTIAN HIEROGLYPH V037****133AA 𓁃 EGYPTIAN HIEROGLYPH V037A****133AB 𓁃 EGYPTIAN HIEROGLYPH V038****133AC 𓁃 EGYPTIAN HIEROGLYPH V039****133AD ܂ EGYPTIAN HIEROGLYPH V040**

• 10 in dates

**133AE ܂ EGYPTIAN HIEROGLYPH V040A**

• 20 in dates

**W. Vessels of stone and earthenware****133AF 𓁃 EGYPTIAN HIEROGLYPH W001****133B0 𓁃 EGYPTIAN HIEROGLYPH W002****133B1 𓁃 EGYPTIAN HIEROGLYPH W003****133B2 𓁃 EGYPTIAN HIEROGLYPH W003A****133B3 𓁃 EGYPTIAN HIEROGLYPH W004****133B4 𓁃 EGYPTIAN HIEROGLYPH W005****133B5 𓁃 EGYPTIAN HIEROGLYPH W006****133B6 𓁃 EGYPTIAN HIEROGLYPH W007****133B7 𓁃 EGYPTIAN HIEROGLYPH W008**

133B8

## Egyptian Hieroglyphs

1340B

1340C === EGYPTIAN HIEROGLYPH Z016H

- 9 in dates

**Aa. Unclassified**

1340D	⦿ EGYPTIAN HIEROGLYPH AA001
	• transliterated as 1E2B ܓ → 062E ܟ arabic letter khah
1340E	⦿ EGYPTIAN HIEROGLYPH AA002
1340F	⦿ EGYPTIAN HIEROGLYPH AA003
13410	⦿ EGYPTIAN HIEROGLYPH AA004
13411	⦿ EGYPTIAN HIEROGLYPH AA005
13412	⦿ EGYPTIAN HIEROGLYPH AA006
13413	⦿ EGYPTIAN HIEROGLYPH AA007
13414	⦿ EGYPTIAN HIEROGLYPH AA007A
13415	⦿ EGYPTIAN HIEROGLYPH AA007B
13416	⦿ EGYPTIAN HIEROGLYPH AA008
13417	⦿ EGYPTIAN HIEROGLYPH AA009
13418	⦿ EGYPTIAN HIEROGLYPH AA010
13419	⦿ EGYPTIAN HIEROGLYPH AA011
1341A	⦿ EGYPTIAN HIEROGLYPH AA012
1341B	⦿ EGYPTIAN HIEROGLYPH AA013
1341C	⦿ EGYPTIAN HIEROGLYPH AA014
1341D	⦿ EGYPTIAN HIEROGLYPH AA015
1341E	⦿ EGYPTIAN HIEROGLYPH AA016
1341F	⦿ EGYPTIAN HIEROGLYPH AA017
13420	⦿ EGYPTIAN HIEROGLYPH AA018
13421	⦿ EGYPTIAN HIEROGLYPH AA019
13422	⦿ EGYPTIAN HIEROGLYPH AA020
13423	⦿ EGYPTIAN HIEROGLYPH AA021
13424	⦿ EGYPTIAN HIEROGLYPH AA022
13425	⦿ EGYPTIAN HIEROGLYPH AA023
13426	⦿ EGYPTIAN HIEROGLYPH AA024
13427	⦿ EGYPTIAN HIEROGLYPH AA025
13428	⦿ EGYPTIAN HIEROGLYPH AA026
13429	⦿ EGYPTIAN HIEROGLYPH AA027
1342A	⦿ EGYPTIAN HIEROGLYPH AA028
1342B	⦿ EGYPTIAN HIEROGLYPH AA029
1342C	⦿ EGYPTIAN HIEROGLYPH AA030
1342D	⦿ EGYPTIAN HIEROGLYPH AA031
1342E	⦿ EGYPTIAN HIEROGLYPH AA032

14400

## Anatolian Hieroglyphs

144DF

	1440	1441	1442	1443	1444	1445	1446	1447	1448	1449	144A	144B	144C	144D
0														
1														
2														
3														
4														
5														
6														
7														
8														
9														
A														
B														
C														
D														
E														
F														

	144E	144F	1450	1451	1452	1453	1454	1455	1456	1457	1458	1459	145A
0													
1													
2													
3													
4													
5													
6													
7													
8													
9													
A													
B													
C													
D													
E													
F													

145B0

## Anatolian Hieroglyphs

1467F

	145B	145C	145D	145E	145F	1460	1461	1462	1463	1464	1465	1466	1467
0													
1		—											
2													
3													
4													
5													
6													
7													
8													
9													
A													
B													
C													
D													
E													
F													

In the names list, most of the comments are in Latin. Those which have a Luwian phonetic value are identified as syllabic.

#### A. The human body and clothing

14400		ANATOLIAN HIEROGLYPH A001 = ego
14401		ANATOLIAN HIEROGLYPH A002 = ego2
14402		ANATOLIAN HIEROGLYPH A003
14403		ANATOLIAN HIEROGLYPH A004 = mons2
14404		ANATOLIAN HIEROGLYPH A005
14405		ANATOLIAN HIEROGLYPH A006 = adorare
14406		ANATOLIAN HIEROGLYPH A007 = edere
14407		ANATOLIAN HIEROGLYPH A008 = bibere
14408		ANATOLIAN HIEROGLYPH A009 = amplexi
14409		ANATOLIAN HIEROGLYPH A010 = caput
1440A		ANATOLIAN HIEROGLYPH A010A = caput+scalprum
1440B		ANATOLIAN HIEROGLYPH A011
1440C		ANATOLIAN HIEROGLYPH A012 = statua
1440D		ANATOLIAN HIEROGLYPH A013
1440E		ANATOLIAN HIEROGLYPH A014 = prae = logosyllabic pari
1440F		ANATOLIAN HIEROGLYPH A015 = domina
14410		ANATOLIAN HIEROGLYPH A016 = magnus.domina
14411		ANATOLIAN HIEROGLYPH A017 = rex
14412		ANATOLIAN HIEROGLYPH A018 = magnus.rex
14413		ANATOLIAN HIEROGLYPH A019 = syllabic á
14414		ANATOLIAN HIEROGLYPH A020
14415		ANATOLIAN HIEROGLYPH A021 = heros
14416		ANATOLIAN HIEROGLYPH A022 = loqui
14417		ANATOLIAN HIEROGLYPH A023
14418		ANATOLIAN HIEROGLYPH A024 = lis
14419		ANATOLIAN HIEROGLYPH A025 = oculus
1441A		ANATOLIAN HIEROGLYPH A026 = frons
1441B		ANATOLIAN HIEROGLYPH A026A = versus
1441C		ANATOLIAN HIEROGLYPH A027 = libare
1441D		ANATOLIAN HIEROGLYPH A028 = fortis
1441E		ANATOLIAN HIEROGLYPH A029 = syllabic tá
1441F		ANATOLIAN HIEROGLYPH A030
14420		ANATOLIAN HIEROGLYPH A031 = ligare, pugnus+pugnus

14421		ANATOLIAN HIEROGLYPH A032 = bracchium
14422		ANATOLIAN HIEROGLYPH A033
14423		ANATOLIAN HIEROGLYPH A034 = post
14424		ANATOLIAN HIEROGLYPH A035 = syllabic na
14425		ANATOLIAN HIEROGLYPH A036 = lituus+na
14426		ANATOLIAN HIEROGLYPH A037
14427		ANATOLIAN HIEROGLYPH A038
14428		ANATOLIAN HIEROGLYPH A039 = pugnus
14429		ANATOLIAN HIEROGLYPH A039A = pugnus+x
1442A		ANATOLIAN HIEROGLYPH A040
1442B		ANATOLIAN HIEROGLYPH A041 = capere
		= syllabic tà
1442C		ANATOLIAN HIEROGLYPH A041A = syllabic tà
1442D		ANATOLIAN HIEROGLYPH A042 = capere2.capere2 = syllabic ta-x?
1442E		ANATOLIAN HIEROGLYPH A043 = capere2
1442F		ANATOLIAN HIEROGLYPH A044
14430		ANATOLIAN HIEROGLYPH A045 = infans, filius, frater
14431		ANATOLIAN HIEROGLYPH A045A = filia
14432		ANATOLIAN HIEROGLYPH A046 = rex.infans, rex.filius
14433		ANATOLIAN HIEROGLYPH A046A = rex.filia
14434		ANATOLIAN HIEROGLYPH A046B = magnus.filia
14435		ANATOLIAN HIEROGLYPH A047
14436		ANATOLIAN HIEROGLYPH A048
14437		ANATOLIAN HIEROGLYPH A049 = syllabic a+tá
14438		ANATOLIAN HIEROGLYPH A050
14439		ANATOLIAN HIEROGLYPH A051
1443A		ANATOLIAN HIEROGLYPH A052 = manus.culter
1443B		ANATOLIAN HIEROGLYPH A053 = manus+culter, ensis
1443C		ANATOLIAN HIEROGLYPH A054
1443D		ANATOLIAN HIEROGLYPH A055 = syllabic ní
1443E		ANATOLIAN HIEROGLYPH A056 = syllabic ká
1443F		ANATOLIAN HIEROGLYPH A057 = infra, sub = syllabic ká
14440		ANATOLIAN HIEROGLYPH A058 = cum
14441		ANATOLIAN HIEROGLYPH A059 = manus
14442		ANATOLIAN HIEROGLYPH A060
14443		ANATOLIAN HIEROGLYPH A061
14444		ANATOLIAN HIEROGLYPH A062 = longus, manus+minus?
14445		ANATOLIAN HIEROGLYPH A063

14446

## Anatolian Hieroglyphs

14481

- 14446  ANATOLIAN HIEROGLYPH A064
- 14447  ANATOLIAN HIEROGLYPH A065  
= ponere
- 14448  ANATOLIAN HIEROGLYPH A066  
= dare  
= syllabic pi
- 14449  ANATOLIAN HIEROGLYPH A066A  
= syllabic pi
- 1444A  ANATOLIAN HIEROGLYPH A066B  
= mandare, dare.dare
- 1444B  ANATOLIAN HIEROGLYPH A066C  
= mandare2
- 1444C  ANATOLIAN HIEROGLYPH A067
- 1444D  ANATOLIAN HIEROGLYPH A068
- 1444E  ANATOLIAN HIEROGLYPH A069
- 1444F  ANATOLIAN HIEROGLYPH A070  
= super  
= logosyllabic sara/i
- 14450  ANATOLIAN HIEROGLYPH A071
- 14451  ANATOLIAN HIEROGLYPH A072
- 14452  ANATOLIAN HIEROGLYPH A073  
= audire, auris+tu+mi
- 14453  ANATOLIAN HIEROGLYPH A074
- 14454  ANATOLIAN HIEROGLYPH A075
- 14455  ANATOLIAN HIEROGLYPH A076
- 14456  ANATOLIAN HIEROGLYPH A077
- 14457  ANATOLIAN HIEROGLYPH A078  
= ala
- 14458 0 ANATOLIAN HIEROGLYPH A079  
= femina, mater
- 14459  ANATOLIAN HIEROGLYPH A080  
= Sarma
- 1445A  ANATOLIAN HIEROGLYPH A081  
= Sarma2
- 1445B  ANATOLIAN HIEROGLYPH A082  
= crus  
= syllabic ta6
- 1445C  ANATOLIAN HIEROGLYPH A083  
= crus+flumen
- 1445D  ANATOLIAN HIEROGLYPH A084  
= crus2  
= syllabic nà
- 1445E  ANATOLIAN HIEROGLYPH A085  
= genuflexere
- 1445F  ANATOLIAN HIEROGLYPH A086  
= crus.crus
- 14460  ANATOLIAN HIEROGLYPH A087
- 14461  ANATOLIAN HIEROGLYPH A088
- 14462  ANATOLIAN HIEROGLYPH A089  
= syllabic tu
- 14463  ANATOLIAN HIEROGLYPH A090  
= pes  
= syllabic ti
- 14464  ANATOLIAN HIEROGLYPH A091  
= pes.scala.rotae
- 14465  ANATOLIAN HIEROGLYPH A092
- 14466  ANATOLIAN HIEROGLYPH A093  
= pes2
- 14467  ANATOLIAN HIEROGLYPH A094
- 14468  ANATOLIAN HIEROGLYPH A095  
= pes2.pes2
- 14469  ANATOLIAN HIEROGLYPH A096  
= pes2.pes

**B. Animals**

- 1446A  ANATOLIAN HIEROGLYPH A097  
= leo, bestia
- 1446B  ANATOLIAN HIEROGLYPH A097A  
= leo2
- 1446C  ANATOLIAN HIEROGLYPH A098  
= canis
- 1446D  ANATOLIAN HIEROGLYPH A098A  
= canis2
- 1446E  ANATOLIAN HIEROGLYPH A099  
= equus
- 1446F  ANATOLIAN HIEROGLYPH A100  
= asinus  
= syllabic ta
- 14470  ANATOLIAN HIEROGLYPH A100A  
= syllabic ta
- 14471  ANATOLIAN HIEROGLYPH A101  
= asinus2
- 14472  ANATOLIAN HIEROGLYPH A101A  
= asinus2a
- 14473  ANATOLIAN HIEROGLYPH A102  
= cervus  
= syllabic rú
- 14474  ANATOLIAN HIEROGLYPH A102A  
= cervus2  
= syllabic rú
- 14475  ANATOLIAN HIEROGLYPH A103  
= cervus3  
= syllabic rú
- 14476  ANATOLIAN HIEROGLYPH A104  
= capra  
= syllabic sà
- 14477  ANATOLIAN HIEROGLYPH A104A  
= syllabic sà
- 14478  ANATOLIAN HIEROGLYPH A104B  
= capra2  
= syllabic sà
- 14479  ANATOLIAN HIEROGLYPH A104C  
= capra2a  
= syllabic sà
- 1447A  ANATOLIAN HIEROGLYPH A105  
= bos  
= syllabic u
- 1447B  ANATOLIAN HIEROGLYPH A105A  
= bos  
= syllabic u
- 1447C  ANATOLIAN HIEROGLYPH A105B  
= bos2  
= syllabic u
- 1447D  ANATOLIAN HIEROGLYPH A106
- 1447E  ANATOLIAN HIEROGLYPH A107  
= bos+mi  
= syllabic mu  
= logosyllabic muwa
- 1447F  ANATOLIAN HIEROGLYPH A107A  
= syllabic mu  
= logosyllabic muwa
- 14480  ANATOLIAN HIEROGLYPH A107B  
= bos.mi  
= syllabic mu  
= logosyllabic muwa
- 14481  ANATOLIAN HIEROGLYPH A107C  
= bos2.mi  
= syllabic mu  
= logosyllabic muwa

14482		ANATOLIAN HIEROGLYPH A108 = cornu = sú
14483		ANATOLIAN HIEROGLYPH A109 = vitellus = syllabic ma-x
14484		ANATOLIAN HIEROGLYPH A110 = ovis = syllabic ma
14485		ANATOLIAN HIEROGLYPH A110A = syllabic ma
14486		ANATOLIAN HIEROGLYPH A110B = ovis2 = syllabic ma
14487		ANATOLIAN HIEROGLYPH A111 = ovis3
14488		ANATOLIAN HIEROGLYPH A112 = lingere = syllabic za4
14489		ANATOLIAN HIEROGLYPH A113
1448A		ANATOLIAN HIEROGLYPH A114 = lituus+u
1448B		ANATOLIAN HIEROGLYPH A115 = lepus = logosyllabic tapa
1448C		ANATOLIAN HIEROGLYPH A115A = lepus2 = logosyllabic tapa
1448D		ANATOLIAN HIEROGLYPH A116
1448E		ANATOLIAN HIEROGLYPH A117
1448F		ANATOLIAN HIEROGLYPH A118
14490		ANATOLIAN HIEROGLYPH A119
14491		ANATOLIAN HIEROGLYPH A120 = gryllus
14492		ANATOLIAN HIEROGLYPH A121 = sphinx
14493		ANATOLIAN HIEROGLYPH A122
14494		ANATOLIAN HIEROGLYPH A123
14495		ANATOLIAN HIEROGLYPH A124
14496		ANATOLIAN HIEROGLYPH A125 = syllabic lí
14497		ANATOLIAN HIEROGLYPH A125A = ungula = syllabic li-x
14498		ANATOLIAN HIEROGLYPH A126
14499		ANATOLIAN HIEROGLYPH A127
1449A		ANATOLIAN HIEROGLYPH A128 = avis = zi4
1449B		ANATOLIAN HIEROGLYPH A129
1449C		ANATOLIAN HIEROGLYPH A130 = avis3
1449D		ANATOLIAN HIEROGLYPH A131 = avis5
1449E		ANATOLIAN HIEROGLYPH A132 = avis2
1449F		ANATOLIAN HIEROGLYPH A133 = aquila, avis4 = syllabic ara/i
144A0		ANATOLIAN HIEROGLYPH A134 = syllabic ara/i • 1449F  anatolian hieroglyph a133 + 145B1 \ anatolian hieroglyph a383 ra or ri
144A1		ANATOLIAN HIEROGLYPH A135 = avis-x

144A2		ANATOLIAN HIEROGLYPH A135A
144A3		ANATOLIAN HIEROGLYPH A136
144A4		ANATOLIAN HIEROGLYPH A137 = libatio
144A5		ANATOLIAN HIEROGLYPH A138 = piscis
144A6		ANATOLIAN HIEROGLYPH A139
144A7		ANATOLIAN HIEROGLYPH A140
144A8		ANATOLIAN HIEROGLYPH A141
144A9		ANATOLIAN HIEROGLYPH A142
144AA		ANATOLIAN HIEROGLYPH A143
144AB		ANATOLIAN HIEROGLYPH A144
144AC		ANATOLIAN HIEROGLYPH A145
144AD		ANATOLIAN HIEROGLYPH A146
144AE		ANATOLIAN HIEROGLYPH A147
144AF		ANATOLIAN HIEROGLYPH A148 = Janus

**C. Plants**

144B0		ANATOLIAN HIEROGLYPH A149
144B1		ANATOLIAN HIEROGLYPH A150
144B2		ANATOLIAN HIEROGLYPH A151 = Telipinu
144B3		ANATOLIAN HIEROGLYPH A152
144B4		ANATOLIAN HIEROGLYPH A153 = syllabic nu
144B5		ANATOLIAN HIEROGLYPH A154
144B6		ANATOLIAN HIEROGLYPH A155
144B7		ANATOLIAN HIEROGLYPH A156
144B8		ANATOLIAN HIEROGLYPH A157
144B9		ANATOLIAN HIEROGLYPH A158
144BA		ANATOLIAN HIEROGLYPH A159
144BB		ANATOLIAN HIEROGLYPH A160 = vitis = syllabic wi(ya)
144BC		ANATOLIAN HIEROGLYPH A161
144BD		ANATOLIAN HIEROGLYPH A162
144BE		ANATOLIAN HIEROGLYPH A163
144BF		ANATOLIAN HIEROGLYPH A164
144C0		ANATOLIAN HIEROGLYPH A165 = bonus = syllabic wà/i
144C1		ANATOLIAN HIEROGLYPH A166 = syllabic wá/i
144C2		ANATOLIAN HIEROGLYPH A167
144C3		ANATOLIAN HIEROGLYPH A168
144C4		ANATOLIAN HIEROGLYPH A169
144C5		ANATOLIAN HIEROGLYPH A170
144C6		ANATOLIAN HIEROGLYPH A171
144C7		ANATOLIAN HIEROGLYPH A172 = syllabic ta/i5, lá/i
144C8		ANATOLIAN HIEROGLYPH A173 = hastarius
144C9		ANATOLIAN HIEROGLYPH A174 = syllabic si
144CA		ANATOLIAN HIEROGLYPH A175 = lingua = syllabic la
144CB		ANATOLIAN HIEROGLYPH A176 = syllabic la+la
144CC		ANATOLIAN HIEROGLYPH A177 = lingua+clavus
144CD		ANATOLIAN HIEROGLYPH A178 = syllabic la+rata+a

- 144CE ፩ ANATOLIAN HIEROGLYPH A179  
= hordeum  
= syllabic hwi-x
- 144CF ፪ ANATOLIAN HIEROGLYPH A180
- 144D0 ፫ ANATOLIAN HIEROGLYPH A181  
= panis  
= syllabic pa-x

**D. Nature**

- 144D1 ፬ ANATOLIAN HIEROGLYPH A182  
= caelum
- 144D2 ፭ ANATOLIAN HIEROGLYPH A183
- 144D3 ፮ ANATOLIAN HIEROGLYPH A184
- 144D4 ፯ ANATOLIAN HIEROGLYPH A185
- 144D5 ፱ ANATOLIAN HIEROGLYPH A186
- 144D6 ፲ ANATOLIAN HIEROGLYPH A187
- 144D7 〇 ANATOLIAN HIEROGLYPH A188
- 144D8 ፳ ANATOLIAN HIEROGLYPH A189
- 144D9 ፴ ANATOLIAN HIEROGLYPH A190  
= sol2
- 144DA ፵ ANATOLIAN HIEROGLYPH A191  
= sol
- 144DB ፶ ANATOLIAN HIEROGLYPH A192  
= oriens
- 144DC ፷ ANATOLIAN HIEROGLYPH A193  
= luna
- 144DD ፸ ANATOLIAN HIEROGLYPH A194
- 144DE ፹ ANATOLIAN HIEROGLYPH A195
- 144DF ፻ ANATOLIAN HIEROGLYPH A196  
= Hatti  
= syllabic há
- 144E0 ፻ ANATOLIAN HIEROGLYPH A197  
= Hatti+li, Hattusili  
= logosyllabic há-li
- 144E1 ፻ ANATOLIAN HIEROGLYPH A198
- 144E2 ፻ ANATOLIAN HIEROGLYPH A199  
= tonitrus
- 144E3 ፻ ANATOLIAN HIEROGLYPH A200  
= fulgur
- 144E4 ፻ ANATOLIAN HIEROGLYPH A201  
= terra, locus  
= syllabic wa/i6
- 144E5 ፻ ANATOLIAN HIEROGLYPH A202  
= via+terra.scalprum
- 144E6 ፻ ANATOLIAN HIEROGLYPH A202A  
= via+terra+scalprum
- 144E7 ፻ ANATOLIAN HIEROGLYPH A202B  
= (deus)via+terra
- 144E8 ፻ ANATOLIAN HIEROGLYPH A203
- 144E9 ፻ ANATOLIAN HIEROGLYPH A204  
= syllabic wa/i5
- 144EA ፻ ANATOLIAN HIEROGLYPH A205
- 144EB ፻ ANATOLIAN HIEROGLYPH A206
- 144EC ፻ ANATOLIAN HIEROGLYPH A207  
= mons  
= syllabic wa/i5
- 144ED ፻ ANATOLIAN HIEROGLYPH A207A  
= leo+mons.tu+leo
- 144EE ፻ ANATOLIAN HIEROGLYPH A208
- 144EF ፻ ANATOLIAN HIEROGLYPH A209  
= syllabic i, i(a)
- 144F0 ፻ ANATOLIAN HIEROGLYPH A209A  
= syllabic i+ra/i, ri+i  
• 144EF ፻ anatolian hieroglyph a209 + 145B1 ፻ anatolian hieroglyph a383 ra or ri

- 144F1 ፻ ANATOLIAN HIEROGLYPH A210  
= syllabic ia
- 144F2 ፻ ANATOLIAN HIEROGLYPH A211
- 144F3 ፻ ANATOLIAN HIEROGLYPH A212  
= flumen
- 144F4 ፻ ANATOLIAN HIEROGLYPH A213
- 144F5 ፻ ANATOLIAN HIEROGLYPH A214  
= syllabic ní
- 144F6 ፻ ANATOLIAN HIEROGLYPH A215  
= fons
- 144F7 ፻ ANATOLIAN HIEROGLYPH A215A  
= syllabic ha
- 144F8 ፻ ANATOLIAN HIEROGLYPH A216  
= fines  
= syllabic arha
- 144F9 ፻ ANATOLIAN HIEROGLYPH A216A  
= fines+ha, arha
- 144FA ፻ ANATOLIAN HIEROGLYPH A217
- 144FB ፻ ANATOLIAN HIEROGLYPH A218
- 144FC ፻ ANATOLIAN HIEROGLYPH A219
- 144FD ፻ ANATOLIAN HIEROGLYPH A220
- 144FE ፻ ANATOLIAN HIEROGLYPH A221  
= via
- 144FF ፻ ANATOLIAN HIEROGLYPH A222
- 14500 ፻ ANATOLIAN HIEROGLYPH A223  
= syllabic sa6
- 14501 ፻ ANATOLIAN HIEROGLYPH A224  
= syllabic ha? pa?

**E. Buildings**

- 14502 ፻ ANATOLIAN HIEROGLYPH A225  
= urbs
- 14503 ፻ ANATOLIAN HIEROGLYPH A226  
= Ishauba
- 14504 ፻ ANATOLIAN HIEROGLYPH A227  
= urbs+ra/i?+li, urbs+ra/i?-li
- 14505 ፻ ANATOLIAN HIEROGLYPH A227A  
= urbs+li, urbs-li, Mursili
- 14506 ፻ ANATOLIAN HIEROGLYPH A228  
= regio  
= syllabic tu4
- 14507 ፻ ANATOLIAN HIEROGLYPH A229  
= syllabic mí.regio
- 14508 ፻ ANATOLIAN HIEROGLYPH A230
- 14509 ፻ ANATOLIAN HIEROGLYPH A231  
= castrum
- 1450A ፻ ANATOLIAN HIEROGLYPH A232
- 1450B ፻ ANATOLIAN HIEROGLYPH A233
- 1450C ፻ ANATOLIAN HIEROGLYPH A234
- 1450D ፻ ANATOLIAN HIEROGLYPH A235  
= turris?
- 1450E ፻ ANATOLIAN HIEROGLYPH A236  
= murus?
- 1450F ፻ ANATOLIAN HIEROGLYPH A237  
= porta
- 14510 ፻ ANATOLIAN HIEROGLYPH A238
- 14511 ፻ ANATOLIAN HIEROGLYPH A239  
= porta2
- 14512 ፻ ANATOLIAN HIEROGLYPH A240
- 14513 ፻ ANATOLIAN HIEROGLYPH A241  
= syllabic ki-x
- 14514 ፻ ANATOLIAN HIEROGLYPH A242
- 14515 ፻ ANATOLIAN HIEROGLYPH A243  
= cubitum

14516	□	ANATOLIAN HIEROGLYPH A244 = aedificum
14517	◩	ANATOLIAN HIEROGLYPH A245 = vacuus, aedificium+minus
14518	◩	ANATOLIAN HIEROGLYPH A246 = aedificare, aedificium.ponere
14519	◩	ANATOLIAN HIEROGLYPH A247 = domus
1451A	◩	ANATOLIAN HIEROGLYPH A248 = delere, domus+minus
1451B	◪	ANATOLIAN HIEROGLYPH A249 = deus.domus
1451C	◪	ANATOLIAN HIEROGLYPH A250 = magnus.domus
1451D	◪	ANATOLIAN HIEROGLYPH A251 = domus+x
1451E	◩	ANATOLIAN HIEROGLYPH A252 = domus+scala
1451F	◩	ANATOLIAN HIEROGLYPH A253
14520	◩	ANATOLIAN HIEROGLYPH A254 = eunuchus2
14521	◩	ANATOLIAN HIEROGLYPH A255 = horreum
14522	◪	ANATOLIAN HIEROGLYPH A256
14523	◪	ANATOLIAN HIEROGLYPH A257 = argentum
14524	□	ANATOLIAN HIEROGLYPH A258
14525	◪	ANATOLIAN HIEROGLYPH A259
14526	◪	ANATOLIAN HIEROGLYPH A260
14527	◩	ANATOLIAN HIEROGLYPH A261
14528	◩	ANATOLIAN HIEROGLYPH A262
14529	◩	ANATOLIAN HIEROGLYPH A263
1452A	◪	ANATOLIAN HIEROGLYPH A264 = podium
1452B	◪	ANATOLIAN HIEROGLYPH A265
1452C	◪	ANATOLIAN HIEROGLYPH A266 = pes.regio
1452D	◪	ANATOLIAN HIEROGLYPH A267 = stele, lapis+scalprum
1452E	◪	ANATOLIAN HIEROGLYPH A267A = lapis
1452F	◪	ANATOLIAN HIEROGLYPH A268 = scalprum

**F. Arms, tools, furniture, and other instruments**

14530	◪	ANATOLIAN HIEROGLYPH A269 = exercitus
14531	◩	ANATOLIAN HIEROGLYPH A270
14532	◩	ANATOLIAN HIEROGLYPH A271
14533	◩	ANATOLIAN HIEROGLYPH A272 = scutum
14534	◩	ANATOLIAN HIEROGLYPH A273
14535	◩	ANATOLIAN HIEROGLYPH A274
14536	◩	ANATOLIAN HIEROGLYPH A275
14537	◩	ANATOLIAN HIEROGLYPH A276 = frater2
14538	◪	ANATOLIAN HIEROGLYPH A277 = iudex.la, iudex+la
14539	◪	ANATOLIAN HIEROGLYPH A278 = syllabic li
1453A	◪	ANATOLIAN HIEROGLYPH A279
1453B	◪	ANATOLIAN HIEROGLYPH A280 = malleus = syllabic wa/i9

1453C	◪	ANATOLIAN HIEROGLYPH A281 = ascia
1453D	◪	ANATOLIAN HIEROGLYPH A282
1453E	◪	ANATOLIAN HIEROGLYPH A283 = logosyllabic tuzzi
1453F	◪	ANATOLIAN HIEROGLYPH A284
14540	◪	ANATOLIAN HIEROGLYPH A285 = iaculum = syllabic zu? = logosyllabic zuwa
14541	◪	ANATOLIAN HIEROGLYPH A286 = syllabic wa/i7
14542	◪	ANATOLIAN HIEROGLYPH A287
14543	◪	ANATOLIAN HIEROGLYPH A288 = currus
14544	◪	ANATOLIAN HIEROGLYPH A289 = auriga
14545	◪	ANATOLIAN HIEROGLYPH A289A = auriga2
14546	◪	ANATOLIAN HIEROGLYPH A290 = syllabic hara/i • 14548 ◩ anatolian hieroglyph a292 + 145B1 ◩ anatolian hieroglyph a383 ra or ri
14547	◪	ANATOLIAN HIEROGLYPH A291 = syllabic li
14548	◪	ANATOLIAN HIEROGLYPH A292 = rota = logosyllabic hala/i
14549	◪	ANATOLIAN HIEROGLYPH A293
1454A	◪	ANATOLIAN HIEROGLYPH A294 = thronus, mensa
1454B	◪	ANATOLIAN HIEROGLYPH A294A = thronus, mensa2 = Sarpa
1454C	◪	ANATOLIAN HIEROGLYPH A295 = sol2.thronus/mensa
1454D	◪	ANATOLIAN HIEROGLYPH A296 = (deus)mons.Sarpa, (deus)mons.mensa = thronus
1454E	◪	ANATOLIAN HIEROGLYPH A297
1454F	◪	ANATOLIAN HIEROGLYPH A298 = thronus2
14550	◪	ANATOLIAN HIEROGLYPH A299 = solium = syllabic í
14551	◪	ANATOLIAN HIEROGLYPH A299A = syllabic iá
14552	◪	ANATOLIAN HIEROGLYPH A300 = nepos
14553	◪	ANATOLIAN HIEROGLYPH A301 = lectus
14554	◪	ANATOLIAN HIEROGLYPH A302
14555	◪	ANATOLIAN HIEROGLYPH A303 = syllabic sara/i • 1456E ◩ anatolian hieroglyph a327 + 145B1 ◩ anatolian hieroglyph a383 ra or ri
14556	◪	ANATOLIAN HIEROGLYPH A304 = syllabic mà
14557	◪	ANATOLIAN HIEROGLYPH A305 = fusus
14558	◪	ANATOLIAN HIEROGLYPH A306 = syllabic hí
14559	◪	ANATOLIAN HIEROGLYPH A307 = syllabic hu
1455A	◪	ANATOLIAN HIEROGLYPH A308

1455B

## Anatolian Hieroglyphs

145A0

1455B		ANATOLIAN HIEROGLYPH A309 = crux
1455C		ANATOLIAN HIEROGLYPH A309A = crux2
1455D		ANATOLIAN HIEROGLYPH A310
1455E		ANATOLIAN HIEROGLYPH A311
1455F		ANATOLIAN HIEROGLYPH A312
14560		ANATOLIAN HIEROGLYPH A313 = vir = syllabic zí
14561		ANATOLIAN HIEROGLYPH A314 = syllabic ha-x
14562		ANATOLIAN HIEROGLYPH A315 = syllabic kar • 14561  + 145B1  ra or ri
14563		ANATOLIAN HIEROGLYPH A316 = syllabic sa7
14564		ANATOLIAN HIEROGLYPH A317
14565		ANATOLIAN HIEROGLYPH A318 = Teshub
14566		ANATOLIAN HIEROGLYPH A319 = syllabic ta/i4, la/i
14567		ANATOLIAN HIEROGLYPH A320
14568		ANATOLIAN HIEROGLYPH A321
14569		ANATOLIAN HIEROGLYPH A322 = purus
1456A		ANATOLIAN HIEROGLYPH A323
1456B		ANATOLIAN HIEROGLYPH A324
1456C		ANATOLIAN HIEROGLYPH A325 = syllabic tú
1456D		ANATOLIAN HIEROGLYPH A326 = scriba = syllabic tú
1456E		ANATOLIAN HIEROGLYPH A327 = sigillum = syllabic sa5
1456F		ANATOLIAN HIEROGLYPH A328 = syllabic pu
14570		ANATOLIAN HIEROGLYPH A329 = relative = syllabic kwia/a
14571		ANATOLIAN HIEROGLYPH A329A
14572		ANATOLIAN HIEROGLYPH A330 = capere+scalpum
14573		ANATOLIAN HIEROGLYPH A331 = avus
14574		ANATOLIAN HIEROGLYPH A332A = negative
14575		ANATOLIAN HIEROGLYPH A332B = negative2 = syllabic ná
14576		ANATOLIAN HIEROGLYPH A332C = negative3

**G. Vases and receptacles**

14577		ANATOLIAN HIEROGLYPH A333
14578		ANATOLIAN HIEROGLYPH A334 = syllabic pa
14579		ANATOLIAN HIEROGLYPH A335 = syllabic zá
1457A		ANATOLIAN HIEROGLYPH A336 = annus, pithos, scutella, pithos = syllabic zí

1457B		ANATOLIAN HIEROGLYPH A336A = syllabic zí
1457C		ANATOLIAN HIEROGLYPH A336B = syllabic zà
1457D		ANATOLIAN HIEROGLYPH A336C = syllabic za-x
1457E		ANATOLIAN HIEROGLYPH A337 = pithos
1457F		ANATOLIAN HIEROGLYPH A338 = culter
14580		ANATOLIAN HIEROGLYPH A339
14581		ANATOLIAN HIEROGLYPH A340 = annus+annus
14582		ANATOLIAN HIEROGLYPH A341 = vas
14583		ANATOLIAN HIEROGLYPH A342
14584		ANATOLIAN HIEROGLYPH A343 = pithos
14585		ANATOLIAN HIEROGLYPH A344 = contractus
14586		ANATOLIAN HIEROGLYPH A345 = urceus
14587		ANATOLIAN HIEROGLYPH A346 = poculum
14588		ANATOLIAN HIEROGLYPH A347 = syllabic hú
14589		ANATOLIAN HIEROGLYPH A348
1458A		ANATOLIAN HIEROGLYPH A349
1458B		ANATOLIAN HIEROGLYPH A350
1458C		ANATOLIAN HIEROGLYPH A351
1458D		ANATOLIAN HIEROGLYPH A352
1458E		ANATOLIAN HIEROGLYPH A353
1458F		ANATOLIAN HIEROGLYPH A354
14590		ANATOLIAN HIEROGLYPH A355 = sacerdos
14591		ANATOLIAN HIEROGLYPH A356
14592		ANATOLIAN HIEROGLYPH A357
14593		ANATOLIAN HIEROGLYPH A358 = dies
14594		ANATOLIAN HIEROGLYPH A359
14595		ANATOLIAN HIEROGLYPH A359A

**H. Symbols**

14596		ANATOLIAN HIEROGLYPH A360 = deus
14597		ANATOLIAN HIEROGLYPH A361
14598		ANATOLIAN HIEROGLYPH A362 = syllabic má
14599		ANATOLIAN HIEROGLYPH A363 = magnus = syllabic ur
1459A		ANATOLIAN HIEROGLYPH A364 = syllabic u
1459B		ANATOLIAN HIEROGLYPH A364A = syllabic mu
1459C		ANATOLIAN HIEROGLYPH A365
1459D		ANATOLIAN HIEROGLYPH A366 = omnis(+mi)
1459E		ANATOLIAN HIEROGLYPH A367 = logosyllabic tala
1459F		ANATOLIAN HIEROGLYPH A368 = malus
145A0		ANATOLIAN HIEROGLYPH A368A = malus2

145A1

## Anatolian Hieroglyphs

145DB

145A1		ANATOLIAN HIEROGLYPH A369 = vita
145A2		ANATOLIAN HIEROGLYPH A370 = bonus2 = syllabic su
145A3		ANATOLIAN HIEROGLYPH A371 = iustitia, iudex
145A4		ANATOLIAN HIEROGLYPH A371A = iudex+ra/i, tara/i-x • 145A3  anatolian hieroglyph a371 + 145B1  anatolian hieroglyph a383 ra or ri
145A5		ANATOLIAN HIEROGLYPH A372 = sacerdos2
145A6		ANATOLIAN HIEROGLYPH A373
145A7		ANATOLIAN HIEROGLYPH A374
145A8		ANATOLIAN HIEROGLYPH A375
145A9		ANATOLIAN HIEROGLYPH A376 = syllabic zi, zi/a
145AA		ANATOLIAN HIEROGLYPH A377 = syllabic za
145AB		ANATOLIAN HIEROGLYPH A378 = lituus
145AC		ANATOLIAN HIEROGLYPH A379 = occidens = syllabic ia

**J. Lines, numbers, and geometric shapes**

145AD		ANATOLIAN HIEROGLYPH A380 = one = unus = syllabic sa8
145AE		ANATOLIAN HIEROGLYPH A381 = minus
145AF		ANATOLIAN HIEROGLYPH A381A = mori, vir2.minus
145B0		ANATOLIAN HIEROGLYPH A382 = lignum
145B1		ANATOLIAN HIEROGLYPH A383 RA OR RI → 144A0 anatolian hieroglyph a134 → 144F0 anatolian hieroglyph a209a → 14546 anatolian hieroglyph a290 → 14555 anatolian hieroglyph a303 → 14562 anatolian hieroglyph a315 → 145A4 anatolian hieroglyph a371a → 145B9 anatolian hieroglyph a389 → 145F8 anatolian hieroglyph a450a
145B2		ANATOLIAN HIEROGLYPH A383A = personal determinative
145B3		ANATOLIAN HIEROGLYPH A384 = two
145B4		ANATOLIAN HIEROGLYPH A385 = two
145B5		ANATOLIAN HIEROGLYPH A386 = vir2 = word divider
145B6		ANATOLIAN HIEROGLYPH A386A = vir2a
145B7		ANATOLIAN HIEROGLYPH A387 = servus = syllabic mi
145B8		ANATOLIAN HIEROGLYPH A388 = three = tara/i

145B9		ANATOLIAN HIEROGLYPH A389 = tara/i • 145B8 anatolian hieroglyph a388 + 145B1 anatolian hieroglyph a383 ra or ri
145BA		ANATOLIAN HIEROGLYPH A390 = dominus
145BB		ANATOLIAN HIEROGLYPH A391 = four = syllabic mi
145BC		ANATOLIAN HIEROGLYPH A392 = five
145BD		ANATOLIAN HIEROGLYPH A393 EIGHT = eight
145BE		ANATOLIAN HIEROGLYPH A394
145BF		ANATOLIAN HIEROGLYPH A395 = nine = syllabic nu
145C0		ANATOLIAN HIEROGLYPH A396
145C1		ANATOLIAN HIEROGLYPH A397 = ten = decem
145C2		ANATOLIAN HIEROGLYPH A398
145C3		ANATOLIAN HIEROGLYPH A399 = hundred = centum
145C4		ANATOLIAN HIEROGLYPH A400 = thousand = mille
145C5		ANATOLIAN HIEROGLYPH A401
145C6		ANATOLIAN HIEROGLYPH A402 = scutella = syllabic sa4
145C7		ANATOLIAN HIEROGLYPH A403
145C8		ANATOLIAN HIEROGLYPH A404 = animal
145C9		ANATOLIAN HIEROGLYPH A405
145CA		ANATOLIAN HIEROGLYPH A406
145CB		ANATOLIAN HIEROGLYPH A407
145CC		ANATOLIAN HIEROGLYPH A408
145CD		ANATOLIAN HIEROGLYPH A409
145CE		ANATOLIAN HIEROGLYPH A410 BEGIN LOGOGRAM MARK
145CF		ANATOLIAN HIEROGLYPH A410A END LOGOGRAM MARK
145D0		ANATOLIAN HIEROGLYPH A411 = syllabic ni
145D1		ANATOLIAN HIEROGLYPH A412 = syllabic ru
145D2		ANATOLIAN HIEROGLYPH A413 = syllabic hi
145D3		ANATOLIAN HIEROGLYPH A414
145D4		ANATOLIAN HIEROGLYPH A415 = syllabic sa
145D5		ANATOLIAN HIEROGLYPH A416
145D6		ANATOLIAN HIEROGLYPH A417 = syllabic sa-x
145D7		ANATOLIAN HIEROGLYPH A418
145D8		ANATOLIAN HIEROGLYPH A419 = syllabic mi = logosyllabic urhi
145D9		ANATOLIAN HIEROGLYPH A420
145DA		ANATOLIAN HIEROGLYPH A421 = syllabic us
145DB		ANATOLIAN HIEROGLYPH A422 = panis.scutella

145DC	❖ ANATOLIAN HIEROGLYPH A423 = syllabic ku
145DD	❖ ANATOLIAN HIEROGLYPH A424
145DE	□ ANATOLIAN HIEROGLYPH A425
145DF	□ ANATOLIAN HIEROGLYPH A426
145E0	■ ANATOLIAN HIEROGLYPH A427
145E1	■ ANATOLIAN HIEROGLYPH A428
145E2	❖ ANATOLIAN HIEROGLYPH A429 = syllabic tana
145E3	■ ANATOLIAN HIEROGLYPH A430 = omnis2 = syllabic pú
145E4	■ ANATOLIAN HIEROGLYPH A431
145E5	❖ ANATOLIAN HIEROGLYPH A432 = syllabic zu?
<b>K. Varia</b>	
145E6	❖ ANATOLIAN HIEROGLYPH A433 = syllabic sá
145E7	❖ ANATOLIAN HIEROGLYPH A434 = syllabic ka
145E8	❖ ANATOLIAN HIEROGLYPH A435 = syllabic a-x?
145E9	❖ ANATOLIAN HIEROGLYPH A436
145EA	■ ANATOLIAN HIEROGLYPH A437
145EB	❖ ANATOLIAN HIEROGLYPH A438 = pastor
145EC	❖ ANATOLIAN HIEROGLYPH A439 = syllabic wa/i
145ED	❖ ANATOLIAN HIEROGLYPH A440
145EE	❖ ANATOLIAN HIEROGLYPH A441
145EF	❖ ANATOLIAN HIEROGLYPH A442
145F0	❖ ANATOLIAN HIEROGLYPH A443
145F1	❖ ANATOLIAN HIEROGLYPH A444
145F2	❖ ANATOLIAN HIEROGLYPH A445 = syllabic la, li, lu
145F3	❖ ANATOLIAN HIEROGLYPH A446 = syllabic ki
145F4	❖ ANATOLIAN HIEROGLYPH A447 = syllabic ni-x
145F5	❖ ANATOLIAN HIEROGLYPH A448 = syllabic sù?, zú?
145F6	❖ ANATOLIAN HIEROGLYPH A449
145F7	❖ ANATOLIAN HIEROGLYPH A450 = syllabic a = end of a word
145F8	❖ ANATOLIAN HIEROGLYPH A450A = a+ra/i, ra+a • 145F7 ❖ anatolian hieroglyph a450 + 145B1 \ anatolian hieroglyph a383 ra or ri
145F9	❖ ANATOLIAN HIEROGLYPH A451 = logosyllabic huru
145FA	❖ ANATOLIAN HIEROGLYPH A452
145FB	❖ ANATOLIAN HIEROGLYPH A453
145FC	❖ ANATOLIAN HIEROGLYPH A454
145FD	❖ ANATOLIAN HIEROGLYPH A455 = syllabic la-x
145FE	❖ ANATOLIAN HIEROGLYPH A456 = syllabic sí?
145FF	❖ ANATOLIAN HIEROGLYPH A457
14600	❖ ANATOLIAN HIEROGLYPH A457A
14601	❖ ANATOLIAN HIEROGLYPH A458
14602	❖ ANATOLIAN HIEROGLYPH A459
14603	❖ ANATOLIAN HIEROGLYPH A460

14604	❖ ANATOLIAN HIEROGLYPH A461
14605	❖ ANATOLIAN HIEROGLYPH A462 = syllabic ma-x?
14606	❖ ANATOLIAN HIEROGLYPH A463
14607	❖ ANATOLIAN HIEROGLYPH A464
14608	❖ ANATOLIAN HIEROGLYPH A465
14609	❖ ANATOLIAN HIEROGLYPH A466
1460A	❖ ANATOLIAN HIEROGLYPH A467
1460B	❖ ANATOLIAN HIEROGLYPH A468
1460C	❖ ANATOLIAN HIEROGLYPH A469
1460D	❖ ANATOLIAN HIEROGLYPH A470 = twelve
1460E	❖ ANATOLIAN HIEROGLYPH A471
1460F	❖ ANATOLIAN HIEROGLYPH A472
14610	❖ ANATOLIAN HIEROGLYPH A473
14611	❖ ANATOLIAN HIEROGLYPH A474 = eunuchus
14612	❖ ANATOLIAN HIEROGLYPH A475
14613	❖ ANATOLIAN HIEROGLYPH A476
14614	❖ ANATOLIAN HIEROGLYPH A477 = flammae?
14615	❖ ANATOLIAN HIEROGLYPH A478
14616	❖ ANATOLIAN HIEROGLYPH A479
14617	❖ ANATOLIAN HIEROGLYPH A480
14618	❖ ANATOLIAN HIEROGLYPH A481
14619	❖ ANATOLIAN HIEROGLYPH A482
1461A	❖ ANATOLIAN HIEROGLYPH A483
1461B	❖ ANATOLIAN HIEROGLYPH A484
1461C	❖ ANATOLIAN HIEROGLYPH A485
1461D	❖ ANATOLIAN HIEROGLYPH A486 = falx?
1461E	❖ ANATOLIAN HIEROGLYPH A487
1461F	❖ ANATOLIAN HIEROGLYPH A488 = syllabic tí
14620	❖ ANATOLIAN HIEROGLYPH A489
14621	❖ ANATOLIAN HIEROGLYPH A490
14622	❖ ANATOLIAN HIEROGLYPH A491
14623	❖ ANATOLIAN HIEROGLYPH A492
14624	❖ ANATOLIAN HIEROGLYPH A493
14625	❖ ANATOLIAN HIEROGLYPH A494
14626	❖ ANATOLIAN HIEROGLYPH A495
14627	❖ ANATOLIAN HIEROGLYPH A496
14628	❖ ANATOLIAN HIEROGLYPH A497
<b>M. Additional signs</b>	
14629	❖ ANATOLIAN HIEROGLYPH A501
1462A	❖ ANATOLIAN HIEROGLYPH A502
1462B	❖ ANATOLIAN HIEROGLYPH A503
1462C	❖ ANATOLIAN HIEROGLYPH A504
1462D	❖ ANATOLIAN HIEROGLYPH A505
1462E	❖ ANATOLIAN HIEROGLYPH A506 = syllabic hana
1462F	❖ ANATOLIAN HIEROGLYPH A507
14630	❖ ANATOLIAN HIEROGLYPH A508 = currere = syllabic hwi/a
14631	❖ ANATOLIAN HIEROGLYPH A509
14632	❖ ANATOLIAN HIEROGLYPH A510
14633	❖ ANATOLIAN HIEROGLYPH A511
14634	❖ ANATOLIAN HIEROGLYPH A512
14635	❖ ANATOLIAN HIEROGLYPH A513
14636	❖ ANATOLIAN HIEROGLYPH A514
14637	❖ ANATOLIAN HIEROGLYPH A515

14638		ANATOLIAN HIEROGLYPH A516
14639		ANATOLIAN HIEROGLYPH A517
1463A		ANATOLIAN HIEROGLYPH A518
1463B		ANATOLIAN HIEROGLYPH A519
1463C		ANATOLIAN HIEROGLYPH A520
1463D		ANATOLIAN HIEROGLYPH A521
1463E		ANATOLIAN HIEROGLYPH A522
1463F		ANATOLIAN HIEROGLYPH A523
14640		ANATOLIAN HIEROGLYPH A524 = propheta?, cornu+caput
14641		ANATOLIAN HIEROGLYPH A525 = princeps
14642		ANATOLIAN HIEROGLYPH A526 = Güterbock G195
14643		ANATOLIAN HIEROGLYPH A527 = aper
14644		ANATOLIAN HIEROGLYPH A528 = ti
14645		ANATOLIAN HIEROGLYPH A529 = lingua+x
14646		ANATOLIAN HIEROGLYPH A530

	1680	1681	1682	1683	1684	1685	1686	1687	1688	1689	168A	168B
0												
1												
2												
3												
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6												
7												
8												
9												
A												
B												
C												
D												
E												
F												

	168C	168D	168E	168F	1690	1691	1692	1693	1694	1695	1696	1697
0												
1												
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A												
B												
C												
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E												
F												

	1698	1699	169A	169B	169C	169D	169E	169F	16A0	16A1	16A2	16A3
0	𠁔	𠁕	𠁖	𠁗	𠁘	𠁙	𠁚	𠁛	𠁜	𠁝	𠁟	𠁠
1	𠁠	𠁡	𠁢	𠁣	𠁤	𠁥	𠁦	𠁧	𠁨	𠁩	𠁪	𠁫
2	𠁪	𠁬	𠁭	𠁮	𠁯	𠁰	𠁱	𠁲	𠁳	𠁴	𠁵	𠁶
3	𠁷	𠁸	𠁹	𠁺	𠁻	𠁼	𠁽	𠁾	𠁿	𠁻	𠁼	𠁽
4	𠁾	𠁿	𠁿	𠁿	𠁿	𠁿	𠁿	𠁿	𠁿	𠁿	𠁿	𠁿
5	𠁿	𠁿	𠁿	𠁿	𠁿	𠁿	𠁿	𠁿	𠁿	𠁿	𠁿	𠁿
6	𠁿	𠁿	𠁿	𠁿	𠁿	𠁿	𠁿	𠁿	𠁿	𠁿	𠁿	𠁿
7	𠁿	𠁿	𠁿	𠁿	𠁿	𠁿	𠁿	𠁿	𠁿	𠁿	𠁿	𠁿
8	𠁿	𠁿	𠁿	𠁿	𠁿	𠁿	𠁿	𠁿	𠁿	𠁿	𠁿	𠁿
9	𠁿	𠁿	𠁿	𠁿	𠁿	𠁿	𠁿	𠁿	𠁿	𠁿	𠁿	𠁿
A	𠁿	𠁿	𠁿	𠁿	𠁿	𠁿	𠁿	𠁿	𠁿	𠁿	𠁿	𠁿
B	𠁿	𠁿	𠁿	𠁿	𠁿	𠁿	𠁿	𠁿	𠁿	𠁿	𠁿	𠁿
C	𠁿	𠁿	𠁿	𠁿	𠁿	𠁿	𠁿	𠁿	𠁿	𠁿	𠁿	𠁿
D	𠁿	𠁿	𠁿	𠁿	𠁿	𠁿	𠁿	𠁿	𠁿	𠁿	𠁿	𠁿
E	𠁿	𠁿	𠁿	𠁿	𠁿	𠁿	𠁿	𠁿	𠁿	𠁿	𠁿	𠁿
F	𠁿	𠁿	𠁿	𠁿	𠁿	𠁿	𠁿	𠁿	𠁿	𠁿	𠁿	𠁿

**Characters found through Phase A**

16800	❀	BAMUM LETTER PHASE-A NGKUE MFON
16801	❖	BAMUM LETTER PHASE-A GBIEE FON
16802	❖	BAMUM LETTER PHASE-A PON MFON PIPAEMGBIEE
16803	❖	BAMUM LETTER PHASE-A PON MFON PIPAEMBA
16804	❖	BAMUM LETTER PHASE-A NAA MFON
16805	❖	BAMUM LETTER PHASE-A SHUENSHUET
16806	❖	BAMUM LETTER PHASE-A TITA MFON
16807	✿	BAMUM LETTER PHASE-A NZA MFON
16808	✿	BAMUM LETTER PHASE-A SHINDA PA NJI
16809	✿	BAMUM LETTER PHASE-A PON PA NJI PIPAEMGBIEE
1680A	✿	BAMUM LETTER PHASE-A PON PA NJI PIPAEMBA
1680B	✿	BAMUM LETTER PHASE-A MAEMBGBIEE
1680C	✿	BAMUM LETTER PHASE-A TU MAEMBA
1680D	✿	BAMUM LETTER PHASE-A NGANGU
1680E	✿	BAMUM LETTER PHASE-A MAEMVEUX
1680F	✿	BAMUM LETTER PHASE-A MANSUAE
16810	✿	BAMUM LETTER PHASE-A MVEUAENGAM
16811	✿	BAMUM LETTER PHASE-A SEUNYAM
16812	✿	BAMUM LETTER PHASE-A NTOQOPEN
16813	✿	BAMUM LETTER PHASE-A KEUKEUTNDA
16814	✿	BAMUM LETTER PHASE-A NKINDI
16815	✿	BAMUM LETTER PHASE-A SUU
16816	✿	BAMUM LETTER PHASE-A NGKUENZEUM
16817	✿	BAMUM LETTER PHASE-A LAPAQ
16818	✿	BAMUM LETTER PHASE-A LET KUT
16819	✿	BAMUM LETTER PHASE-A NTAP MFAA
1681A	✿	BAMUM LETTER PHASE-A MAEKEUP
1681B	✿	BAMUM LETTER PHASE-A PASHAE
1681C	✿	BAMUM LETTER PHASE-A GHEUAERAE
1681D	✿	BAMUM LETTER PHASE-A PAMSHAE
1681E	✿	BAMUM LETTER PHASE-A MON NGGEUAET
1681F	✿	BAMUM LETTER PHASE-A NZUN MEUT
16820	✿✿	BAMUM LETTER PHASE-A U YUQ NAE
16821	✿	BAMUM LETTER PHASE-A GHEUAEGHEUAE
16822	✿	BAMUM LETTER PHASE-A NTAP NTAA
16823	✿	BAMUM LETTER PHASE-A SISA
16824	✿	BAMUM LETTER PHASE-A MGBASA
16825	✿	BAMUM LETTER PHASE-A MEUNJOMNDEUQ
16826	✿	BAMUM LETTER PHASE-A MOOMPUQ
16827	✿	BAMUM LETTER PHASE-A KAFA
16828	✿	BAMUM LETTER PHASE-A PA LEERAEW
16829	✿	BAMUM LETTER PHASE-A NDA LEERAEW
1682A	✿	BAMUM LETTER PHASE-A PET
1682B	✿	BAMUM LETTER PHASE-A MAEMKPEN
1682C	✿	BAMUM LETTER PHASE-A NIKA
1682D	✿	BAMUM LETTER PHASE-A PUP
1682E	✿	BAMUM LETTER PHASE-A TUAEP
1682F	✿	BAMUM LETTER PHASE-A LUAEP
16830	✿	BAMUM LETTER PHASE-A SONJAM
16831	✿	BAMUM LETTER PHASE-A TEUTEUWEN
16832	✿	BAMUM LETTER PHASE-A MAENYI
16833	✿	BAMUM LETTER PHASE-A KET
16834	✿	BAMUM LETTER PHASE-A NDAANGGEUAET
16835	#	BAMUM LETTER PHASE-A KUOQ
16836	✿	BAMUM LETTER PHASE-A MOOMEUT
16837	✿	BAMUM LETTER PHASE-A SHUM
16838	✿	BAMUM LETTER PHASE-A LOMMAE

16839	↑	BAMUM LETTER PHASE-A FIRI
1683A	❀	BAMUM LETTER PHASE-A ROM
1683B	❖	BAMUM LETTER PHASE-A KPOQ
1683C	✿	BAMUM LETTER PHASE-A SOQ
1683D	❶	BAMUM LETTER PHASE-A MAP PIEET
1683E	#	BAMUM LETTER PHASE-A SHIRAE
1683F	☎	BAMUM LETTER PHASE-A NTAP
16840	❖	BAMUM LETTER PHASE-A SHOQ NSHUT YUM
16841	❖	BAMUM LETTER PHASE-A NYIT MONGKEUAEQ
16842	Δ	BAMUM LETTER PHASE-A PAARAE
16843	❀	BAMUM LETTER PHASE-A NKAARAE
16844	✿	BAMUM LETTER PHASE-A UNKNOWN
16845	✿	BAMUM LETTER PHASE-A NGGEN
16846	✿	BAMUM LETTER PHASE-A MAESI
16847	†	BAMUM LETTER PHASE-A NJAM
16848	✿	BAMUM LETTER PHASE-A MBANYI
16849	✿	BAMUM LETTER PHASE-A NYET
1684A	✿	BAMUM LETTER PHASE-A TEUAEN
1684B	⌚	BAMUM LETTER PHASE-A SOT
1684C	⌚	BAMUM LETTER PHASE-A PAAM
1684D	#	BAMUM LETTER PHASE-A NSHIEE
1684E	✿	BAMUM LETTER PHASE-A MAEM
1684F	✿	BAMUM LETTER PHASE-A NYI
16850	✿	BAMUM LETTER PHASE-A KAQ
16851	✿	BAMUM LETTER PHASE-A NSHA
16852	✿	BAMUM LETTER PHASE-A VEE
16853	✿	BAMUM LETTER PHASE-A LU
16854	‿	BAMUM LETTER PHASE-A NEN
16855	✿	BAMUM LETTER PHASE-A NAQ
16856	✿	BAMUM LETTER PHASE-A MBAQ

**Characters found through Phase B**

16857	✿✿	BAMUM LETTER PHASE-B NSHUET
16858	✿	BAMUM LETTER PHASE-B TU MAEMGBIEE
16859	⌚	BAMUM LETTER PHASE-B SIEE
1685A	✿	BAMUM LETTER PHASE-B SET TU
1685B	✿	BAMUM LETTER PHASE-B LOM NTEUM
1685C	✿	BAMUM LETTER PHASE-B MBA MAELEE
1685D	✿	BAMUM LETTER PHASE-B KIEEM
1685E	✿	BAMUM LETTER PHASE-B YEURAE
1685F	✿	BAMUM LETTER PHASE-B MBAARAE
16860	✿	BAMUM LETTER PHASE-B KAM
16861	†	BAMUM LETTER PHASE-B PEESHI
16862	✿	BAMUM LETTER PHASE-B YAFU LEERAEW
16863	✿	BAMUM LETTER PHASE-B LAM NSHUT NYAM
16864	✿	BAMUM LETTER PHASE-B NTIEE SHEUOQ
16865	✿	BAMUM LETTER PHASE-B NDU NJAA
16866	✿	BAMUM LETTER PHASE-B GHEUGHEUAEM
16867	✿	BAMUM LETTER PHASE-B PIT
16868	✿	BAMUM LETTER PHASE-B TU NSIEE
16869	+	BAMUM LETTER PHASE-B SHET NJAQ
1686A	Δ	BAMUM LETTER PHASE-B SHEUAEQTU
1686B	✿	BAMUM LETTER PHASE-B MFON TEUAEQ
1686C	✇	BAMUM LETTER PHASE-B MBIT MBAAKET
1686D	✿	BAMUM LETTER PHASE-B NYI NTEUM
1686E	✿	BAMUM LETTER PHASE-B KEUPUQ
1686F	✿	BAMUM LETTER PHASE-B GHEUGHEN
16870	✿	BAMUM LETTER PHASE-B KEUYEUX
16871	✿	BAMUM LETTER PHASE-B LAANAE
16872	†	BAMUM LETTER PHASE-B PARUM
16873	✿	BAMUM LETTER PHASE-B VEUM

• nsen in Phases C-E

16874	𠁔	BAMUM LETTER PHASE-B NGKINDI MVOP	168AE	𠁕	BAMUM LETTER PHASE-C TITA YUE
16875	𠁖	BAMUM LETTER PHASE-B NGGEU MBU	168AF	𠁗	BAMUM LETTER PHASE-C SUAET
16876	𠁘	BAMUM LETTER PHASE-B WUAET	168B0	𠁙	BAMUM LETTER PHASE-C NGGUAE NYAM
16877	𠁚	BAMUM LETTER PHASE-B SAKEUAE	168B1	𠁚	BAMUM LETTER PHASE-C VEUX
16878	𠁛	BAMUM LETTER PHASE-B TAAM	168B2	𠁛	BAMUM LETTER PHASE-C NANSAAQ
16879	𠁜	BAMUM LETTER PHASE-B MEUQ	168B3	𠁜	BAMUM LETTER PHASE-C MA KEUAERI
1687A	𠁝	BAMUM LETTER PHASE-B NGGUOQ	168B4	𠁝	BAMUM LETTER PHASE-C NTAA
1687B	𠁞	BAMUM LETTER PHASE-B NGGUOQ LARGE	168B5	𠁞	BAMUM LETTER PHASE-C NGGUON
1687C	𠁟	BAMUM LETTER PHASE-B MFIYAQ	168B6	𠁟	BAMUM LETTER PHASE-C LAP
1687D	𠁠	BAMUM LETTER PHASE-B SUE	168B7	𠁠	BAMUM LETTER PHASE-C MBIRIEEN
1687E	𠁡	BAMUM LETTER PHASE-B MBEURI	168B8	𠁡	BAMUM LETTER PHASE-C MGBASAQ
1687F	𠁢	BAMUM LETTER PHASE-B MONTIEEN	168B9	𠁢	BAMUM LETTER PHASE-C NTEUNGBA
16880	𠁣	BAMUM LETTER PHASE-B NYAEMAE	168BA	𠁣	BAMUM LETTER PHASE-C TEUTEUX
16881	𠁤	BAMUM LETTER PHASE-B PUNGAAM	168BB	𠁤	BAMUM LETTER PHASE-C NGGUM
16882	𠁥	BAMUM LETTER PHASE-B MEUT NGGEET	168BC	𠁥	BAMUM LETTER PHASE-C FUE
16883	𠁦	BAMUM LETTER PHASE-B FEUX	168BD	𠁦	BAMUM LETTER PHASE-C NDEUT
16884	𠁧	BAMUM LETTER PHASE-B MBUOQ	168BE	𠁧	BAMUM LETTER PHASE-C NSA
16885	𠁨	BAMUM LETTER PHASE-B FEE	168BF	𠁨	BAMUM LETTER PHASE-C NSHAQ
16886	𠁩	BAMUM LETTER PHASE-B KEUAEM	168C0	𠁩	BAMUM LETTER PHASE-C BUNG
16887	𠁪	BAMUM LETTER PHASE-B MA NJEUAENA	168C1	𠁪	BAMUM LETTER PHASE-C VEUAEPEN
16888	𠁫	BAMUM LETTER PHASE-B MA NJUQA	168C2	𠁫	BAMUM LETTER PHASE-C MBERAE
16889	𠁬	BAMUM LETTER PHASE-B LET	168C3	𠁬	BAMUM LETTER PHASE-C RU
1688A	𠁭	BAMUM LETTER PHASE-B NGGAAM	168C4	𠁭	BAMUM LETTER PHASE-C NJAEM
1688B	𠁮	BAMUM LETTER PHASE-B NSEN	168C5	𠁮	BAMUM LETTER PHASE-C LAM
1688C	𠁯	BAMUM LETTER PHASE-B MA	168C6	𠁯	BAMUM LETTER PHASE-C TITUAEP
1688D	𠁰	BAMUM LETTER PHASE-B KIQ	168C7	𠁰	BAMUM LETTER PHASE-C NSUOT NGOM
1688E	𠁱	BAMUM LETTER PHASE-B NGOM	168C8	𠁱	BAMUM LETTER PHASE-C NJEEE
<b>Characters found through Phase C</b>					
1688F	𠁲	BAMUM LETTER PHASE-C NGKUE MAEMBA	168C9	𠁲	BAMUM LETTER PHASE-C KET
16890	𠁳	BAMUM LETTER PHASE-C NZA	168CA	𠁳	BAMUM LETTER PHASE-C NGGU
16891	𠁴	BAMUM LETTER PHASE-C YUM	168CB	𠁴	BAMUM LETTER PHASE-C MAESI
16892	𠁵	BAMUM LETTER PHASE-C WANGKUOQ	168CC	𠁵	BAMUM LETTER PHASE-C MBUAEM
16893	𠁶	BAMUM LETTER PHASE-C NGGEN	168CD	𠁶	BAMUM LETTER PHASE-C LU
16894	𠁷	BAMUM LETTER PHASE-C NDEUAERE	168CE	𠁷	BAMUM LETTER PHASE-C KUT
16895	𠁸	BAMUM LETTER PHASE-C NGKAQ	168CF	𠁸	BAMUM LETTER PHASE-C NJAM
16896	𠁹	BAMUM LETTER PHASE-C GHARAE	168D0	𠁹	BAMUM LETTER PHASE-C NGOM
16897	𠁺	BAMUM LETTER PHASE-C MBEEKEET	168D1	𠁺	BAMUM LETTER PHASE-C WUP
16898	𠁻	BAMUM LETTER PHASE-C GBAYI	168D2	𠁻	BAMUM LETTER PHASE-C NGGUEET
16899	𠁼	BAMUM LETTER PHASE-C NYIR MKPARAQ MEUN	168D3	𠁼	BAMUM LETTER PHASE-C NSOM
1689A	𠁽	BAMUM LETTER PHASE-C NTU MBIT	168D4	𠁽	BAMUM LETTER PHASE-C NTEN
1689B	𠁾	BAMUM LETTER PHASE-C MBEUM	168D5	𠁾	BAMUM LETTER PHASE-C KUOP NKAARAE
1689C	𠁿	BAMUM LETTER PHASE-C PIRIEEN	168D6	𠁿	BAMUM LETTER PHASE-C NSUN
1689D	𠁿	BAMUM LETTER PHASE-C NDOMB	168D7	𠁿	BAMUM LETTER PHASE-C NDAM
1689E	𠁿	BAMUM LETTER PHASE-C MBAA CABBAGE-TREE	• pen in Phase D		
1689F	𠁿	BAMUM LETTER PHASE-C KEUSHEUAEP	168D8	𠁿	BAMUM LETTER PHASE-C MA NSIEE
168A0	𠁿	BAMUM LETTER PHASE-C GHAP	168D9	𠁿	BAMUM LETTER PHASE-C YAA
168A1	𠁿	BAMUM LETTER PHASE-C KEUKAQ	168DA	𠁿	BAMUM LETTER PHASE-C NDAP
168A2	𠁿	BAMUM LETTER PHASE-C YU MUOMAE	168DB	𠁿	BAMUM LETTER PHASE-C SHUEQ
168A3	𠁿	BAMUM LETTER PHASE-C NZEUM	168DC	𠁿	BAMUM LETTER PHASE-C SETFON
168A4	𠁿	BAMUM LETTER PHASE-C MBUE	168DD	𠁿	BAMUM LETTER PHASE-C MBI
168A5	𠁿	BAMUM LETTER PHASE-C NSEUAEN	168DE	𠁿	BAMUM LETTER PHASE-C MAEMBA
168A6	𠁿	BAMUM LETTER PHASE-C MBIT	168DF	𠁿	BAMUM LETTER PHASE-C MBANYI
168A7	𠁿	BAMUM LETTER PHASE-C YEUQ	168E0	𠁿	BAMUM LETTER PHASE-C KEUSEUX
168A8	𠁿	BAMUM LETTER PHASE-C KPARAQ	168E1	𠁿	BAMUM LETTER PHASE-C MBEUX
168A9	𠁿	BAMUM LETTER PHASE-C KAA	168E2	𠁿	BAMUM LETTER PHASE-C KEUM
168AA	𠁿	BAMUM LETTER PHASE-C SEUX	168E3	𠁿	BAMUM LETTER PHASE-C MBAA PICKET
168AB	𠁿	BAMUM LETTER PHASE-C NDIDA	168E4	𠁿	BAMUM LETTER PHASE-C YUWOQ
168AC	𠁿	BAMUM LETTER PHASE-C TAASHAE	168E5	𠁿	BAMUM LETTER PHASE-C NJEUX
168AD	𠁿	BAMUM LETTER PHASE-C NJUEQ	168E6	𠁿	BAMUM LETTER PHASE-C MIEE
			168E7	𠁿	BAMUM LETTER PHASE-C MUAE
			168E8	𠁿	BAMUM LETTER PHASE-C SHIQ
			168E9	𠁿	BAMUM LETTER PHASE-C KEN LAW
			168EA	𠁿	BAMUM LETTER PHASE-C KEN FATIGUE

168EB	❖	BAMUM LETTER PHASE-C NGAQ
168EC	❖	BAMUM LETTER PHASE-C NAQ
168ED	❖	BAMUM LETTER PHASE-C LIQ
168EE	❖	BAMUM LETTER PHASE-C PIN
168EF	❖	BAMUM LETTER PHASE-C PEN
168F0	❖	BAMUM LETTER PHASE-C TET

**Characters found through Phase D**

168F1	❖	BAMUM LETTER PHASE-D MBUO
168F2	❖	BAMUM LETTER PHASE-D WAP
168F3	❖	BAMUM LETTER PHASE-D NJI
168F4	❖	BAMUM LETTER PHASE-D MFON
168F5	❖	BAMUM LETTER PHASE-D NJIEE
168F6	❖	BAMUM LETTER PHASE-D LIEE
168F7	❖	BAMUM LETTER PHASE-D NJEUT
168F8	❖	BAMUM LETTER PHASE-D NSHEE
168F9	❖	BAMUM LETTER PHASE-D NGGAAMAE
168FA	❖	BAMUM LETTER PHASE-D NYAM
168FB	❖	BAMUM LETTER PHASE-D WUAEN
	• ti in Phases E-F	
168FC	❖	BAMUM LETTER PHASE-D NGKUN
168FD	❖	BAMUM LETTER PHASE-D SHEE
168FE	❖	BAMUM LETTER PHASE-D NGKAP
168FF	❖	BAMUM LETTER PHASE-D KEUAETMEUN
16900	❖	BAMUM LETTER PHASE-D TEUT
16901	❖	BAMUM LETTER PHASE-D SHEUAE
16902	❖	BAMUM LETTER PHASE-D NJAP
16903	❖	BAMUM LETTER PHASE-D SUE
16904	❖	BAMUM LETTER PHASE-D KET
16905	❖	BAMUM LETTER PHASE-D YAEMMAE
16906	❖	BAMUM LETTER PHASE-D KUOM
16907	❖	BAMUM LETTER PHASE-D SAP
16908	❖	BAMUM LETTER PHASE-D MFEUT
16909	❖	BAMUM LETTER PHASE-D NDEUX
1690A	❖	BAMUM LETTER PHASE-D MALEERI
1690B	❖	BAMUM LETTER PHASE-D MEUT
1690C	❖	BAMUM LETTER PHASE-D SEUAEQ
1690D	❖	BAMUM LETTER PHASE-D YEN
1690E	❖	BAMUM LETTER PHASE-D NJEUAEM
1690F	❖	BAMUM LETTER PHASE-D KEUOT MBUAE
16910	❖	BAMUM LETTER PHASE-D NGKEURI
16911	❖	BAMUM LETTER PHASE-D TU
16912	❖	BAMUM LETTER PHASE-D GHAA
16913	❖	BAMUM LETTER PHASE-D NGKYEE
16914	❖	BAMUM LETTER PHASE-D FEUFUAEAT
16915	❖	BAMUM LETTER PHASE-D NDEE
16916	❖	BAMUM LETTER PHASE-D MGBOFUM
16917	❖	BAMUM LETTER PHASE-D LEUAEP
16918	❖	BAMUM LETTER PHASE-D NDON
16919	❖	BAMUM LETTER PHASE-D MONI
1691A	❖	BAMUM LETTER PHASE-D MGBEUN
1691B	❖	BAMUM LETTER PHASE-D PUUT
1691C	❖	BAMUM LETTER PHASE-D MGBIEE
1691D	❖	BAMUM LETTER PHASE-D MFO
1691E	❖	BAMUM LETTER PHASE-D LUM
1691F	❖	BAMUM LETTER PHASE-D NSIEEP
16920	❖	BAMUM LETTER PHASE-D MBAA
16921	❖	BAMUM LETTER PHASE-D KWAET
16922	❖	BAMUM LETTER PHASE-D NYET
16923	❖	BAMUM LETTER PHASE-D TEUAEN
16924	❖	BAMUM LETTER PHASE-D SOT
16925	❖	BAMUM LETTER PHASE-D YUWOQ

16926	❖	BAMUM LETTER PHASE-D KEUM
16927	❖	BAMUM LETTER PHASE-D RAEM
16928	❖	BAMUM LETTER PHASE-D TEEE
16929	❖	BAMUM LETTER PHASE-D NGKEUAEQ
	• faamae '8' in Phase F	
1692A	❖	BAMUM LETTER PHASE-D MFEUAE
1692B	❖	BAMUM LETTER PHASE-D NSIEET
1692C	❖	BAMUM LETTER PHASE-D KEUP
1692D	❖	BAMUM LETTER PHASE-D PIP
1692E	❖	BAMUM LETTER PHASE-D PEUTAE
1692F	❖	BAMUM LETTER PHASE-D NYUE
16930	❖	BAMUM LETTER PHASE-D LET
	• lee in Phases E-F	
16931	❖	BAMUM LETTER PHASE-D NGGAAM
	• mu in Phases E-F	
16932	❖	BAMUM LETTER PHASE-D MFIEE
16933	❖	BAMUM LETTER PHASE-D NGGWAEN
16934	❖	BAMUM LETTER PHASE-D YUOM
16935	❖	BAMUM LETTER PHASE-D PAP
16936	❖	BAMUM LETTER PHASE-D YUOP
16937	❖	BAMUM LETTER PHASE-D NDAM
16938	❖	BAMUM LETTER PHASE-D NTEUM
16939	❖	BAMUM LETTER PHASE-D SUAE
1693A	❖	BAMUM LETTER PHASE-D KUN
1693B	❖	BAMUM LETTER PHASE-D NGGEUX
1693C	❖	BAMUM LETTER PHASE-D NGKIEE
1693D	❖	BAMUM LETTER PHASE-D TUOT
1693E	❖	BAMUM LETTER PHASE-D MEUN
1693F	❖	BAMUM LETTER PHASE-D KUQ
16940	❖	BAMUM LETTER PHASE-D NSUM
16941	❖	BAMUM LETTER PHASE-D TEUN
16942	❖	BAMUM LETTER PHASE-D MAENJET
16943	❖	BAMUM LETTER PHASE-D NGGAP
16944	❖	BAMUM LETTER PHASE-D LEUM
16945	❖	BAMUM LETTER PHASE-D NGGUOM
16946	❖	BAMUM LETTER PHASE-D NSHUT
16947	❖	BAMUM LETTER PHASE-D NJUEQ
16948	❖	BAMUM LETTER PHASE-D GHEUAE
16949	❖	BAMUM LETTER PHASE-D KU
1694A	❖	BAMUM LETTER PHASE-D REN OLD
1694B	❖	BAMUM LETTER PHASE-D TAE
1694C	❖	BAMUM LETTER PHASE-D TOQ
1694D	❖	BAMUM LETTER PHASE-D NYI
1694E	❖	BAMUM LETTER PHASE-D RII
1694F	❖	BAMUM LETTER PHASE-D LEEE
16950	❖	BAMUM LETTER PHASE-D MEEEE
	• meq in Phase E	
16951	❖	BAMUM LETTER PHASE-D M
16952	❖	BAMUM LETTER PHASE-D SUU
16953	❖	BAMUM LETTER PHASE-D MU
16954	❖	BAMUM LETTER PHASE-D SHII
16955	❖	BAMUM LETTER PHASE-D SHEUX
16956	❖	BAMUM LETTER PHASE-D KYEE
16957	❖	BAMUM LETTER PHASE-D NU
16958	❖	BAMUM LETTER PHASE-D SHU
16959	❖	BAMUM LETTER PHASE-D NTEE
1695A	❖	BAMUM LETTER PHASE-D PEE
1695B	❖	BAMUM LETTER PHASE-D NI
1695C	❖	BAMUM LETTER PHASE-D SHOQ
1695D	❖	BAMUM LETTER PHASE-D PUQ
1695E	❖	BAMUM LETTER PHASE-D MVOP
1695F	❖	BAMUM LETTER PHASE-D LOQ

16960	❖	BAMUM LETTER PHASE-D REN MUCH
16961	❖	BAMUM LETTER PHASE-D TI
16962	❖	BAMUM LETTER PHASE-D NTUU
16963	❖	BAMUM LETTER PHASE-D MBAA SEVEN • used after 16985 ❖ for samba '7' in Phases A-D
16964	❖	BAMUM LETTER PHASE-D SAQ
16965	❖	BAMUM LETTER PHASE-D FAA • used before 169B8 ◎ for faamae '8' in Phases A-D
<b>Characters found through Phase E</b>		
16966	❖	BAMUM LETTER PHASE-E NDAP • i in Phase F
16967	❖	BAMUM LETTER PHASE-E TOON
16968	❖	BAMUM LETTER PHASE-E MBEUM
16969	❖	BAMUM LETTER PHASE-E LAP • men in Phase F
1696A	❖	BAMUM LETTER PHASE-E VOM
1696B	❖	BAMUM LETTER PHASE-E LOON
1696C	❖	BAMUM LETTER PHASE-E PAA
1696D	❖	BAMUM LETTER PHASE-E SOM
1696E	❖	BAMUM LETTER PHASE-E RAQ • nga in Phase F
1696F	❖	BAMUM LETTER PHASE-E NSHUOP • pa in Phase F
16970	❖	BAMUM LETTER PHASE-E NDUN • pue in Phase F
16971	❖	BAMUM LETTER PHASE-E PUAE • fae in Phase F
16972	❖	BAMUM LETTER PHASE-E TAM
16973	❖	BAMUM LETTER PHASE-E NGKA
16974	❖	BAMUM LETTER PHASE-E KPEUX
16975	❖	BAMUM LETTER PHASE-E WUO
16976	❖	BAMUM LETTER PHASE-E SEE
16977	❖	BAMUM LETTER PHASE-E NGGEUAET
16978	❖	BAMUM LETTER PHASE-E PAAM
16979	❖	BAMUM LETTER PHASE-E TOO
1697A	❖	BAMUM LETTER PHASE-E KUOP
1697B	❖	BAMUM LETTER PHASE-E LOM
1697C	❖	BAMUM LETTER PHASE-E NSHIEE
1697D	❖	BAMUM LETTER PHASE-E NGOP
1697E	❖	BAMUM LETTER PHASE-E MAEM
1697F	❖	BAMUM LETTER PHASE-E NGKEUX
16980	❖	BAMUM LETTER PHASE-E NGOQ
16981	❖	BAMUM LETTER PHASE-E NSHUE
16982	❖	BAMUM LETTER PHASE-E RIMGBA
16983	❖	BAMUM LETTER PHASE-E NJEUX
16984	❖	BAMUM LETTER PHASE-E PEEM
16985	❖	BAMUM LETTER PHASE-E SAA • used before 16963 ♀ for samba '7' in Phases A-D
16986	❖	BAMUM LETTER PHASE-E NGGURAE
16987	❖	BAMUM LETTER PHASE-E MGBA
16988	❖	BAMUM LETTER PHASE-E GHEUX
16989	❖	BAMUM LETTER PHASE-E NGKEUAEM
1698A	❖	BAMUM LETTER PHASE-E NJAEMLI
1698B	❖	BAMUM LETTER PHASE-E MAP
1698C	❖	BAMUM LETTER PHASE-E LOOT
1698D	❖	BAMUM LETTER PHASE-E NGGEEEEE
1698E	❖	BAMUM LETTER PHASE-E NDIQ
1698F	❖	BAMUM LETTER PHASE-E TAEN NTEUM
16990	❖	BAMUM LETTER PHASE-E SET

16991	❖	BAMUM LETTER PHASE-E PUM • o in Phase F
16992	❖	BAMUM LETTER PHASE-E NDAA SOFTNESS
16993	❖	BAMUM LETTER PHASE-E NGGUAESHAE NYAM • fee in Phase F
16994	❖	BAMUM LETTER PHASE-E YIEE
16995	❖	BAMUM LETTER PHASE-E GHEUN
16996	❖	BAMUM LETTER PHASE-E TUAE
16997	❖	BAMUM LETTER PHASE-E YEUAE
16998	❖	BAMUM LETTER PHASE-E PO
16999	❖	BAMUM LETTER PHASE-E TUMAE
1699A	❖	BAMUM LETTER PHASE-E KEUAE
1699B	❖	BAMUM LETTER PHASE-E SUAEN
1699C	❖	BAMUM LETTER PHASE-E TEUAEQ
1699D	❖	BAMUM LETTER PHASE-E VEUAE
1699E	❖	BAMUM LETTER PHASE-E WEUX
1699F	❖	BAMUM LETTER PHASE-E LAAM
169A0	❖	BAMUM LETTER PHASE-E PU • also puq in Phase E
169A1	❖	BAMUM LETTER PHASE-E TAAQ
169A2	❖	BAMUM LETTER PHASE-E GHAAMAE
169A3	❖	BAMUM LETTER PHASE-E NGUREUT
169A4	❖	BAMUM LETTER PHASE-E SHEUAEQ
169A5	❖	BAMUM LETTER PHASE-E MGBEN
169A6	❖	BAMUM LETTER PHASE-E MBEE
169A7	❖	BAMUM LETTER PHASE-E NZAQ
169A8	❖	BAMUM LETTER PHASE-E NKOM • ten in Phase F
169A9	❖	BAMUM LETTER PHASE-E GBET
169AA	❖	BAMUM LETTER PHASE-E TUM
169AB	❖	BAMUM LETTER PHASE-E KUET
169AC	❖	BAMUM LETTER PHASE-E YAP
169AD	❖	BAMUM LETTER PHASE-E NYI CLEAVER
169AE	❖	BAMUM LETTER PHASE-E YIT
169AF	❖	BAMUM LETTER PHASE-E MFEUQ
169B0	❖	BAMUM LETTER PHASE-E NDIAQ
169B1	❖	BAMUM LETTER PHASE-E PIEEQ
169B2	❖	BAMUM LETTER PHASE-E YUEQ
169B3	❖	BAMUM LETTER PHASE-E LEUAEM
169B4	❖	BAMUM LETTER PHASE-E FUE
169B5	❖	BAMUM LETTER PHASE-E GBEUX
169B6	❖	BAMUM LETTER PHASE-E NGKUP
169B7	❖	BAMUM LETTER PHASE-E KET
169B8	❖	BAMUM LETTER PHASE-E MAE • used after 16965 ♀ for faamae '8' in Phases A-D
169B9	❖	BAMUM LETTER PHASE-E NGKAAMI
169BA	❖	BAMUM LETTER PHASE-E GHET
169BB	❖	BAMUM LETTER PHASE-E FA
169BC	❖	BAMUM LETTER PHASE-E NTUM
169BD	❖	BAMUM LETTER PHASE-E PEUT
169BE	❖	BAMUM LETTER PHASE-E YEUM
169BF	❖	BAMUM LETTER PHASE-E NGGEUAE
169C0	❖	BAMUM LETTER PHASE-E NYI BETWEEN
169C1	❖	BAMUM LETTER PHASE-E NZUQ
169C2	❖	BAMUM LETTER PHASE-E POON
169C3	❖	BAMUM LETTER PHASE-E MIEE
169C4	❖	BAMUM LETTER PHASE-E FUET
169C5	❖	BAMUM LETTER PHASE-E NAE
169C6	❖	BAMUM LETTER PHASE-E MUAE
169C7	❖	BAMUM LETTER PHASE-E GHEUAE
169C8	❖	BAMUM LETTER PHASE-E FU I

169C9	Ѡ	BAMUM LETTER PHASE-E MVI
169CA	Ѽ	BAMUM LETTER PHASE-E PUAQ
169CB	Ѽ	BAMUM LETTER PHASE-E NGKUM
169CC	Ѽ	BAMUM LETTER PHASE-E KUT
169CD	Ѽ	BAMUM LETTER PHASE-E PIET
169CE	Ѽ	BAMUM LETTER PHASE-E NTAP
169CF	Ѽ	BAMUM LETTER PHASE-E YEUAET
169D0	Ѽ	BAMUM LETTER PHASE-E NGGUP
169D1	Ѽ	BAMUM LETTER PHASE-E PA PEOPLE
169D2	Ѽ	BAMUM LETTER PHASE-E FU CALL
169D3	Ѽ	BAMUM LETTER PHASE-E FOM
169D4	Ѽ	BAMUM LETTER PHASE-E NJEE
169D5	Ѽ	BAMUM LETTER PHASE-E A
169D6	Ѽ	BAMUM LETTER PHASE-E TOQ
169D7	Ѽ	BAMUM LETTER PHASE-E O
169D8	Ѽ	BAMUM LETTER PHASE-E I
169D9	Ѽ	BAMUM LETTER PHASE-E LAQ
169DA	Ѽ	BAMUM LETTER PHASE-E PA PLURAL
169DB	Ѽ	BAMUM LETTER PHASE-E TAA
169DC	Ѽ	BAMUM LETTER PHASE-E TAQ
169DD	Ѽ	BAMUM LETTER PHASE-E NDAA MY HOUSE
169DE	Ѽ	BAMUM LETTER PHASE-E SHIQ
169DF	Ѽ	BAMUM LETTER PHASE-E YEUX
169E0	Ѽ	BAMUM LETTER PHASE-E NGUAE
169E1	Ѽ	BAMUM LETTER PHASE-E YUAEN
		• pi in Phase F
169E2	Ѽ	BAMUM LETTER PHASE-E YOQ SWIMMING
169E3	Ѽ	BAMUM LETTER PHASE-E YOQ COVER
169E4	Ѽ	BAMUM LETTER PHASE-E YUQ
169E5	Ѽ	BAMUM LETTER PHASE-E YUN
169E6	Ѽ	BAMUM LETTER PHASE-E KEUX
169E7	Ѽ	BAMUM LETTER PHASE-E PEUX
169E8	Ѽ	BAMUM LETTER PHASE-E NJEE EPOCH
169E9	Ѽ	BAMUM LETTER PHASE-E PUE
169EA	Ѽ	BAMUM LETTER PHASE-E WUE
169EB	Ѽ	BAMUM LETTER PHASE-E FEE
169EC	Ѽ	BAMUM LETTER PHASE-E VEE
169ED	Ѽ	BAMUM LETTER PHASE-E LU
169EE	Ѽ	BAMUM LETTER PHASE-E MI
169EF	Ѽ	BAMUM LETTER PHASE-E REUX
169F0	Ѽ	BAMUM LETTER PHASE-E RAE
169F1	Ѽ	BAMUM LETTER PHASE-E NGUAE
169F2	Ѽ	BAMUM LETTER PHASE-E NGA
169F3	Ѽ	BAMUM LETTER PHASE-E SHO
169F4	Ѽ	BAMUM LETTER PHASE-E SHOQ
169F5	Ѽ	BAMUM LETTER PHASE-E FU REMEDY
169F6	Ѽ	BAMUM LETTER PHASE-E NA
169F7	Ѽ	BAMUM LETTER PHASE-E PI
169F8	Ѽ	BAMUM LETTER PHASE-E LOQ
169F9	•	BAMUM LETTER PHASE-E KO
		• used before 16A02 ♀ for koghom '10' in Phases A-D
		• used before 16A38 ♀ for kovue '9' in Phases A-D
169FA	Ѽ	BAMUM LETTER PHASE-E MEN
169FB	Ѽ	BAMUM LETTER PHASE-E MA
169FC	Ѽ	BAMUM LETTER PHASE-E MAQ
169FD	Ѽ	BAMUM LETTER PHASE-E TEU
169FE	Ѽ	BAMUM LETTER PHASE-E KI
		• koghom in Phase F
169FF	Ѽ	BAMUM LETTER PHASE-E MON
16A00	Ѽ	BAMUM LETTER PHASE-E TEN

16A01	Ѽ	BAMUM LETTER PHASE-E FAQ
16A02	Ѽ	BAMUM LETTER PHASE-E GHOM
		• used after 169F9 • for koghom '10' in Phases A-D

**Characters found through Phase F**

16A03	Ѽ	BAMUM LETTER PHASE-F KA
16A04	Ѽ	BAMUM LETTER PHASE-F U
16A05	Ѽ	BAMUM LETTER PHASE-F KU
16A06	Ѽ	BAMUM LETTER PHASE-F EE
16A07	Ѽ	BAMUM LETTER PHASE-F REE
16A08	Ѽ	BAMUM LETTER PHASE-F TAE
16A09	Ѽ	BAMUM LETTER PHASE-F NYI
16A0A	Ѽ	BAMUM LETTER PHASE-F LA
16A0B	Ѽ	BAMUM LETTER PHASE-F RII
16A0C	Ѽ	BAMUM LETTER PHASE-F RIEE
16A0D	Ѽ	BAMUM LETTER PHASE-F MEEEE
16A0E	Ѽ	BAMUM LETTER PHASE-F TAA
16A0F	Ѽ	BAMUM LETTER PHASE-F NDAA
16A10	Ѽ	BAMUM LETTER PHASE-F NJAEM
16A11	Ѽ	BAMUM LETTER PHASE-F M
16A12	Ѽ	BAMUM LETTER PHASE-F SUU
16A13	Ѽ	BAMUM LETTER PHASE-F SHII
16A14	Ѽ	BAMUM LETTER PHASE-F SI
16A15	Ѽ	BAMUM LETTER PHASE-F SEUX
16A16	Ѽ	BAMUM LETTER PHASE-F KYEE
16A17	Ѽ	BAMUM LETTER PHASE-F KET
16A18	Ѽ	BAMUM LETTER PHASE-F NUAE
16A19	Ѽ	BAMUM LETTER PHASE-F NU
16A1A	Ѽ	BAMUM LETTER PHASE-F NJUAE
16A1B	Ѽ	BAMUM LETTER PHASE-F YOQ
16A1C	Ѽ	BAMUM LETTER PHASE-F SHU
16A1D	Ѽ	BAMUM LETTER PHASE-F YA
16A1E	Ѽ	BAMUM LETTER PHASE-F NSHA
16A1F	Ѽ	BAMUM LETTER PHASE-F PEUX
16A20	Ѽ	BAMUM LETTER PHASE-F NTEE
16A21	Ѽ	BAMUM LETTER PHASE-F WUE
16A22	Ѽ	BAMUM LETTER PHASE-F PEE
16A23	Ѽ	BAMUM LETTER PHASE-F RU
16A24	Ѽ	BAMUM LETTER PHASE-F NI
16A25	Ѽ	BAMUM LETTER PHASE-F REUX
16A26	Ѽ	BAMUM LETTER PHASE-F KEN
16A27	Ѽ	BAMUM LETTER PHASE-F NGKWAEN
16A28	Ѽ	BAMUM LETTER PHASE-F NGGA
16A29	Ѽ	BAMUM LETTER PHASE-F SHO
16A2A	Ѽ	BAMUM LETTER PHASE-F PUAE
16A2B	Ѽ	BAMUM LETTER PHASE-F FOM
16A2C	Ѽ	BAMUM LETTER PHASE-F WA
16A2D	Ѽ	BAMUM LETTER PHASE-F LI
16A2E	Ѽ	BAMUM LETTER PHASE-F LOQ
16A2F	Ѽ	BAMUM LETTER PHASE-F KO
16A30	Ѽ	BAMUM LETTER PHASE-F MBEN
16A31	Ѽ	BAMUM LETTER PHASE-F REN
16A32	Ѽ	BAMUM LETTER PHASE-F MA
16A33	Ѽ	BAMUM LETTER PHASE-F MO
16A34	Ѽ	BAMUM LETTER PHASE-F MBAA
16A35	Ѽ	BAMUM LETTER PHASE-F TET
16A36	Ѽ	BAMUM LETTER PHASE-F KPA
16A37	Ѽ	BAMUM LETTER PHASE-F SAMBA
16A38	Ѽ	BAMUM LETTER PHASE-F VUEQ

• used after 169F9 • for kovue '9' in Phases A-D

	16A4	16A5	16A6
0	Ⓜ	Ⓟ	ଓ
1	ڸ	ܶ	ܹ
2	ܲ	ܳ	ܵ
3	ܹ	ܷ	ܸ
4	ܴ	ܵ	ܶ
5	ܷ	ܱ	ܹ
6	ܹ	ܲ	ܻ
7	ܰ	ܱ	ܼ
8	ܱ	ܱ	ܶ
9	ܱ	ܱ	ܻ
A	ܱ	ܱ	
B	ܴ	ܱ	
C	ܷ	ܰ	
D	ܰ	ܱ	
E	ܱ	ܱ	ܻܺ
F	ܰ		ܻܻܺ

**Letters**

16A40	Ⓜ	MRO LETTER TA
16A41	ڸ	MRO LETTER NGI
16A42	ܲ	MRO LETTER YO
16A43	ܹ	MRO LETTER MIM
16A44	ܱ	MRO LETTER BA
16A45	ܷ	MRO LETTER DA
16A46	ܱ	MRO LETTER A
16A47	ܵ	MRO LETTER PHI
16A48	ܶ	MRO LETTER KHAI
16A49	ܱ	MRO LETTER HAO
16A4A	ܱ	MRO LETTER DAI = i
16A4B	ܸ	MRO LETTER CHU
16A4C	ܷ	MRO LETTER KEAAE
16A4D	ܰ	MRO LETTER OL
16A4E	ܱ	MRO LETTER MAEM
16A4F	ܻ	MRO LETTER NIN
16A50	ܱ	MRO LETTER PA
16A51	ܶ	MRO LETTER OO
16A52	ܷ	MRO LETTER O
16A53	ܻ	MRO LETTER RO
16A54	ܶ	MRO LETTER SHI
16A55	ܱ	MRO LETTER THEA
16A56	ܱ	MRO LETTER EA
16A57	ܰ	MRO LETTER WA
16A58	ܱ	MRO LETTER E
16A59	ܻ	MRO LETTER KO
16A5A	ܱ	MRO LETTER LAN
16A5B	ܱ	MRO LETTER LA • symbol for 'month'
16A5C	ܻ	MRO LETTER HAI
16A5D	ܱ	MRO LETTER RI = o
16A5E	ܱ	MRO LETTER TEK

**Digits**

16A60	ଓ	MRO DIGIT ZERO
16A61	ܹ	MRO DIGIT ONE
16A62	ܻ	MRO DIGIT TWO
16A63	ܸ	MRO DIGIT THREE
16A64	ܹ	MRO DIGIT FOUR
16A65	ܹ	MRO DIGIT FIVE
16A66	ܻ	MRO DIGIT SIX
16A67	ܹ	MRO DIGIT SEVEN
16A68	ܻ	MRO DIGIT EIGHT
16A69	ܻ	MRO DIGIT NINE

**Punctuation**

16A6E	ܻܺ	MRO DANDA
16A6F	ܻܻܺ	MRO DOUBLE DANDA

	16AD	16AE	16AF
0	ඃ	ආ	ඇ
	16AD0	16AE0	16AF0
1	උ	ඈ	ඉ
	16AD1	16AE1	16AF1
2	ඊ	ඉ	ඇ
	16AD2	16AE2	16AF2
3	අ	ඁ	ඇ
	16AD3	16AE3	16AF3
4	ඃ	ං	ඇ
	16AD4	16AE4	16AF4
5	අ	ඇ	඗
	16AD5	16AE5	16AF5
6	ඈ	ඇ	
	16AD6	16AE6	
7	ඇ	ඇ	
	16AD7	16AE7	
8	ඇ	ඇ	
	16AD8	16AE8	
9	ඇ	ඇ	
	16AD9	16AE9	
A	ඇ	ඇ	
	16ADA	16AEA	
B	ඇ	ඇ	
	16ADB	16AEB	
C	ඇ	ඇ	
	16ADC	16AEC	
D	ඇ	ඇ	
	16ADD	16AED	
E	ඇ		
	16ADE		
F	ඇ		
	16ADF		

**Consonant letters**

- 16AD0 ඃ BASSA VAH LETTER ENNI  
 16AD1 උ BASSA VAH LETTER KA  
 16AD2 ඊ BASSA VAH LETTER SE  
 16AD3 ඍ BASSA VAH LETTER FA  
 16AD4 අ BASSA VAH LETTER MBE  
 16AD5 ඌ BASSA VAH LETTER YIE  
 16AD6 ඊ BASSA VAH LETTER GAH  
 16AD7 ඍ BASSA VAH LETTER DHII  
 16AD8 උ BASSA VAH LETTER KPAH  
 16AD9 ඌ BASSA VAH LETTER JO  
 16ADA ඄ BASSA VAH LETTER HWAH  
 16ADB අ BASSA VAH LETTER WA  
 16ADC ඍ BASSA VAH LETTER ZO  
 16ADD උ BASSA VAH LETTER GBU  
 16ADE අ BASSA VAH LETTER DO  
 16ADF ඊ BASSA VAH LETTER CE  
 16AE0 ආ BASSA VAH LETTER UWU  
 16AE1 උ BASSA VAH LETTER TO  
 16AE2 ඊ BASSA VAH LETTER BA  
 16AE3 එ BASSA VAH LETTER VU  
 16AE4 උ BASSA VAH LETTER YEIN  
 16AE5 ඇ BASSA VAH LETTER PA  
 16AE6 උ BASSA VAH LETTER WADDA

**Vowel letters**

- 16AE7 ඒ BASSA VAH LETTER A  
 16AE8 ඔ BASSA VAH LETTER O  
 16AE9 ඕ BASSA VAH LETTER OO  
 16AEA එ BASSA VAH LETTER U  
 16AEB උ BASSA VAH LETTER EE  
 16AEC උ BASSA VAH LETTER E  
 16AED උ BASSA VAH LETTER I

**Combining tone marks**

- 16AF0 ඇ BASSA VAH COMBINING HIGH TONE  
 16AF1 ඇ BASSA VAH COMBINING LOW TONE  
 16AF2 ඇ BASSA VAH COMBINING MID TONE  
 16AF3 ඇ BASSA VAH COMBINING LOW-MID TONE  
 16AF4 ඇ BASSA VAH COMBINING HIGH-LOW TONE

**Punctuation**

- 16AF5 ඊ BASSA VAH FULL STOP

	16B0	16B1	16B2	16B3	16B4	16B5	16B6	16B7	16B8
0	ጀ	ጀ	ጀ	ጀ	ጀ	ጀ	ጀ	ጀ	ጀ
1	ጀ	ጀ	ጀ	ጀ	ጀ	ጀ	ጀ	ጀ	ጀ
2	ጀ	ጀ	ጀ	ጀ	ጀ	ጀ	ጀ	ጀ	ጀ
3	ጀ	ጀ	ጀ	ጀ	ጀ	ጀ	ጀ	ጀ	ጀ
4	ጀ	ጀ	ጀ	ጀ	ጀ	ጀ	ጀ	ጀ	ጀ
5	ጀ	ጀ	ጀ	ጀ	ጀ	ጀ	ጀ	ጀ	ጀ
6	ጀ	ጀ	ጀ	ጀ	ጀ	ጀ	ጀ	ጀ	ጀ
7	ጀ	ጀ	ጀ	ጀ	ጀ	ጀ	ጀ	ጀ	ጀ
8	ጀ	ጀ	ጀ	ጀ	ጀ	ጀ	ጀ	ጀ	ጀ
9	ጀ	ጀ	ጀ	ጀ	ጀ	ጀ	ጀ	ጀ	ጀ
A	ጀ	ጀ	ጀ	ጀ	ጀ	ጀ	ጀ	ጀ	ጀ
B	ጀ	ጀ	ጀ	ጀ	ጀ	ጀ	ጀ	ጀ	ጀ
C	ጀ	ጀ	ጀ	ጀ	ጀ	ጀ	ጀ	ጀ	ጀ
D	ጀ	ጀ	ጀ	ጀ	ጀ	ጀ	ጀ	ጀ	ጀ
E	ጀ	ጀ	ጀ	ጀ	ጀ	ጀ	ጀ	ጀ	ጀ
F	ጀ	ጀ	ጀ	ጀ	ጀ	ጀ	ጀ	ጀ	ጀ

The character names used for Pahawh Hmong vowel rimes and consonant onsets follow the Third Stage Reduced Version orthography. Annotations give the character names in the Second Stage Reduced Version orthography.

#### Vowel rimes

16B00	Ϙ	PAHAWH HMONG VOWEL KEEB = keem
16B01	ϙ	PAHAWH HMONG VOWEL KEEV = kee
16B02	Ϩ	PAHAWH HMONG VOWEL KIB = kim
16B03	Ϫ	PAHAWH HMONG VOWEL KIV = ki
16B04	Ϫ	PAHAWH HMONG VOWEL KAUB = kaum
16B05	Ϫ	PAHAWH HMONG VOWEL KAUV = kau
16B06	Ϫ	PAHAWH HMONG VOWEL KUB = kum
16B07	Ϫ	PAHAWH HMONG VOWEL KUV = ke
16B08	Ϫ	PAHAWH HMONG VOWEL KEB = kem
16B09	Ϫ	PAHAWH HMONG VOWEL KEV
16B0A	Ϫ	PAHAWH HMONG VOWEL KAIB = kaim
16B0B	Ϫ	PAHAWH HMONG VOWEL KAIV = kai
16B0C	Ϫ	PAHAWH HMONG VOWEL KOOB
16B0D	Ϫ	PAHAWH HMONG VOWEL KOOV
16B0E	Ϫ	PAHAWH HMONG VOWEL KAWB
16B0F	Ϫ	PAHAWH HMONG VOWEL KAWV = kaw
16B10	Ϫ	PAHAWH HMONG VOWEL KUAB = kuam
16B11	Ϫ	PAHAWH HMONG VOWEL KUAV = kua
16B12	Ϫ	PAHAWH HMONG VOWEL KOB = kom
16B13	Ϫ	PAHAWH HMONG VOWEL KOV = kog
16B14	Ϫ	PAHAWH HMONG VOWEL KIAB
16B15	Ϫ	PAHAWH HMONG VOWEL KIAV = kia
16B16	Ϫ	PAHAWH HMONG VOWEL KAB = kam
16B17	Ϫ	PAHAWH HMONG VOWEL KAV
16B18	Ϫ	PAHAWH HMONG VOWEL KWB = kwm
16B19	Ϫ	PAHAWH HMONG VOWEL KWV
16B1A	Ϫ	PAHAWH HMONG VOWEL KAAB = kaam
16B1B	Ϫ	PAHAWH HMONG VOWEL KAAV

#### Consonant onsets

16B1C	Ҫ	PAHAWH HMONG CONSONANT VAU
16B1D	𝙺	PAHAWH HMONG CONSONANT NTSAU
16B1E	Ӆ	PAHAWH HMONG CONSONANT LAU
16B1F	Ӯ	PAHAWH HMONG CONSONANT HAU
16B20	Ӯ	PAHAWH HMONG CONSONANT NLAU
16B21	Ӯ	PAHAWH HMONG CONSONANT RAU
16B22	Ӯ	PAHAWH HMONG CONSONANT NKAU
16B23	Ӗ	PAHAWH HMONG CONSONANT QHAU

16B24	Ԭ	PAHAWH HMONG CONSONANT YAU
16B25	Ԉ	PAHAWH HMONG CONSONANT HLAU
16B26	Ԉ	PAHAWH HMONG CONSONANT MAU
16B27	Ԉ	PAHAWH HMONG CONSONANT CHAU
16B28	Ԉ	PAHAWH HMONG CONSONANT NCHAU
16B29	Ԉ	PAHAWH HMONG CONSONANT HNAU
16B2A	Ԉ	PAHAWH HMONG CONSONANT PLHAU
16B2B	Ԉ	PAHAWH HMONG CONSONANT NTHAU
16B2C	Ԉ	PAHAWH HMONG CONSONANT NAU
16B2D	ԑ	PAHAWH HMONG CONSONANT AU
16B2E	ԑ	PAHAWH HMONG CONSONANT XAU
16B2F	ԑ	PAHAWH HMONG CONSONANT CAU

#### Combining diacritical marks

16B30	·	PAHAWH HMONG MARK CIM TUB
16B31	·	PAHAWH HMONG MARK CIM SO
16B32	·	PAHAWH HMONG MARK CIM KES
16B33	·	PAHAWH HMONG MARK CIM KHAV
16B34	·	PAHAWH HMONG MARK CIM SUAM
16B35	··	PAHAWH HMONG MARK CIM HOM
16B36	··	PAHAWH HMONG MARK CIM TAUM

#### Punctuation

16B37	܀	PAHAWH HMONG SIGN VOS THOM • functions as a question mark
16B38	܂	PAHAWH HMONG SIGN VOS TSHAB CEEB • functions as an exclamation mark
16B39	܃	PAHAWH HMONG SIGN CIM CHEEM • functions as a comma
16B3A	܄	PAHAWH HMONG SIGN VOS THIAB • functions as an ampersand → 0026 & ampersand
16B3B	܅	PAHAWH HMONG SIGN VOS FEEM • functions as a percent sign → 0025 % percent sign

#### Mathematical operators

16B3C	܆	PAHAWH HMONG SIGN XYEEM NTXIV • functions as a plus sign
16B3D	܇	PAHAWH HMONG SIGN XYEEM RHO • functions as a minus sign
16B3E	܈	PAHAWH HMONG SIGN XYEEM TOV • functions as a multiplication sign
16B3F	܉	PAHAWH HMONG SIGN XYEEM FAIB • functions as a division sign

#### Modifier letters

16B40	܊	PAHAWH HMONG SIGN VOS SEEV • indicates chanting intonation
16B41	܋	PAHAWH HMONG SIGN MEEJ SUAB • indicates foreign pronunciation
16B42	܌	PAHAWH HMONG SIGN VOS NRUA • reduplication
16B43	܍	PAHAWH HMONG SIGN IB YAM • replication, ditto mark

#### Punctuation

16B44	܎	PAHAWH HMONG SIGN XAUS • indicates completion of a section
16B45	܏	PAHAWH HMONG SIGN CIM TSOV ROG • indicates military topics

16B50

Pahawh Hmong

16B8F

**Digits**

- 16B50 **I** PAHAWH HMONG DIGIT ZERO  
• some users prefer a circular glyph for this character
- 16B51 **U** PAHAWH HMONG DIGIT ONE
- 16B52 **3** PAHAWH HMONG DIGIT TWO
- 16B53 **M** PAHAWH HMONG DIGIT THREE
- 16B54 **Ճ** PAHAWH HMONG DIGIT FOUR
- 16B55 **3** PAHAWH HMONG DIGIT FIVE
- 16B56 **C** PAHAWH HMONG DIGIT SIX
- 16B57 **K** PAHAWH HMONG DIGIT SEVEN
- 16B58 **K** PAHAWH HMONG DIGIT EIGHT
- 16B59 **K** PAHAWH HMONG DIGIT NINE

**Numbers**

- 16B5B **UJ** PAHAWH HMONG NUMBER TENS  
= caum  
• some users prefer a vertical bar glyph for this character
- 16B5C **H** PAHAWH HMONG NUMBER HUNDREDS  
= pua
- 16B5D **Խ** PAHAWH HMONG NUMBER TEN THOUSANDS  
= vam
- 16B5E **JJ** PAHAWH HMONG NUMBER MILLIONS  
= roob
- 16B5F **V** PAHAWH HMONG NUMBER HUNDRED MILLIONS  
= neev
- 16B60 **Խ** PAHAWH HMONG NUMBER TEN BILLIONS  
= ruav
- 16B61 **IF** PAHAWH HMONG NUMBER TRILLIONS  
= tas

**Logographs**

- 16B63 **Y** PAHAWH HMONG SIGN VOS LUB  
• a classifier
- 16B64 **S** PAHAWH HMONG SIGN XYOO  
= year
- 16B65 **Վ** PAHAWH HMONG SIGN HLI  
= month
- 16B66 **Ի** PAHAWH HMONG SIGN THIRD-STAGE HLI  
= month
- 16B67 **IO** PAHAWH HMONG SIGN ZWJ THAJ  
= date
- 16B68 **I** PAHAWH HMONG SIGN HNUB  
= day
- 16B69 **↑** PAHAWH HMONG SIGN NQIG  
= waning moon
- 16B6A **↓** PAHAWH HMONG SIGN XIAB  
= waxing moon
- 16B6B **Ւ** PAHAWH HMONG SIGN NTUJ  
= season
- 16B6C **Ւ** PAHAWH HMONG SIGN AV  
= earth
- 16B6D **Ւ** PAHAWH HMONG SIGN TXHEEJ CEEV  
= urgent
- 16B6E **Ւ** PAHAWH HMONG SIGN MEEJ TSEEB  
= facts
- 16B6F **L** PAHAWH HMONG SIGN TAU  
= received
- 16B70 **Ւ** PAHAWH HMONG SIGN LOS  
= come
- 16B71 **Ւ** PAHAWH HMONG SIGN MUS  
= go

- 16B72 **I** PAHAWH HMONG SIGN CIM HAIS LUS NTOG  
NTOG  
= smooth
- 16B73 **Ւ** PAHAWH HMONG SIGN CIM CUAM TSHOOJ  
= fraction
- 16B74 **Ւ** PAHAWH HMONG SIGN CIM TXWV  
= do not open
- 16B75 **Ւ** PAHAWH HMONG SIGN CIM TXWV CHWV  
= do not touch
- 16B76 **Ւ** PAHAWH HMONG SIGN CIM PUB DAWB  
= give freely
- 16B77 **Ւ** PAHAWH HMONG SIGN CIM NRES TOS  
= stop

**Logographs for clan names**

- 16B7D **Ւ** PAHAWH HMONG CLAN SIGN TSHEEJ  
= Cheng
- 16B7E **Ւ** PAHAWH HMONG CLAN SIGN YEEG  
= Yeng
- 16B7F **Ւ** PAHAWH HMONG CLAN SIGN LIS  
= Lee
- 16B80 **Ւ** PAHAWH HMONG CLAN SIGN LAUJ  
= Lor
- 16B81 **Ւ** PAHAWH HMONG CLAN SIGN XYOOJ  
= Xiong
- 16B82 **Ւ** PAHAWH HMONG CLAN SIGN KOO  
= Kong
- 16B83 **Ւ** PAHAWH HMONG CLAN SIGN HAWJ  
= Her
- 16B84 **Ւ** PAHAWH HMONG CLAN SIGN MUAS  
= Moua
- 16B85 **Ւ** PAHAWH HMONG CLAN SIGN THOJ  
= Thao
- 16B86 **Հ** PAHAWH HMONG CLAN SIGN TSAB  
= Chang
- 16B87 **Ւ** PAHAWH HMONG CLAN SIGN PHAB  
= Pha
- 16B88 **Ւ** PAHAWH HMONG CLAN SIGN KHAB  
= Khang
- 16B89 **Ւ** PAHAWH HMONG CLAN SIGN HAM  
= Hang
- 16B8A **Ւ** PAHAWH HMONG CLAN SIGN VAJ  
= Vang
- 16B8B **Ւ** PAHAWH HMONG CLAN SIGN FAJ  
= Fang
- 16B8C **Ւ** PAHAWH HMONG CLAN SIGN YAJ  
= Yang
- 16B8D **Ւ** PAHAWH HMONG CLAN SIGN TSWB  
= Chue
- 16B8E **Ւ** PAHAWH HMONG CLAN SIGN KWM  
= Kw
- 16B8F **Կ** PAHAWH HMONG CLAN SIGN VWJ  
= Vue

	16F0	16F1	16F2	16F3	16F4	16F5	16F6	16F7	16F8	16F9
0	𠂇	𠂈	𠂉	𠂆	𠂅	𠂇	𠂊	𠂋		𠂊
1	𠂄	𠂇	𠂉	𠂆	𠂅	𠂔	𠂊	𠂋		𠂊
2	𠂌	𠂇	𠂉	𠂆	𠂅	𠂔	𠂊	𠂋		𠂊
3	𠂎	𠂇	𠂇	𠂆	𠂅	𠂔	𠂊	𠂋		𠂊
4	𠂇	𠂇	𠂇	𠂆	𠂅	𠂔	𠂊	𠂋		𠂊
5	𠂉	𠂇	𠂇	𠂆	𠂅	𠂔	𠂊	𠂋		𠂊
6	𠂌	𠂇	𠂉	𠂆	𠂅	𠂔	𠂊	𠂋		𠂊
7	𠂌	𠂇	𠂉	𠂆	𠂅	𠂔	𠂊	𠂋		𠂊
8	𠂌	𠂇	𠂉	𠂆	𠂅	𠂔	𠂊	𠂋		𠂊
9	𠂌	𠂇	𠂉	𠂆	𠂅	𠂔	𠂊	𠂋		𠂊
A	𠂌	𠂇	𠂉	𠂆	𠂅	𠂔	𠂊	𠂋		𠂊
B	𠂌	𠂇	𠂉	𠂆	𠂅	𠂔	𠂊	𠂋		𠂊
C	𠂌	𠂇	𠂉	𠂆	𠂅	𠂔	𠂊	𠂋		𠂊
D	𠂌	𠂇	𠂉	𠂆	𠂅	𠂔	𠂊	𠂋		𠂊
E	𠂌	𠂇	𠂉	𠂆	𠂅	𠂔	𠂊	𠂋		𠂊
F	𠂌	𠂇	𠂉	𠂆	𠂅	𠂔	𠂊	𠂋	𠂊	𠂊

16F00

Miao

16F5A

**Consonant onsets**

16F00	𠂇	MIAO LETTER PA	• used for ba in Dry Yi
16F01	𠂈	MIAO LETTER BA	
16F02	𠂉	MIAO LETTER YI PA	• used for pa in Dry Yi
16F03	𠂊	MIAO LETTER PLA	• used in Sichuan Hmong
16F04	𠂋	MIAO LETTER MA	
16F05	𠂌	MIAO LETTER MHA	
16F06	𠂍	MIAO LETTER ARCHAIC MA	• used in Pollard's early orthography
16F07	𠂎	MIAO LETTER FA	
16F08	𠂏	MIAO LETTER VA	
16F09	𠂐	MIAO LETTER VFA	• used in Black Yi
16F0A	𠂑	MIAO LETTER TA	• used for da in Dry Yi
16F0B	𠂒	MIAO LETTER DA	
16F0C	𠂓	MIAO LETTER YI TTA	• used in Hei Yi
16F0D	𠂔	MIAO LETTER YI TA	• used for ta in Dry Yi
16F0E	𠂕	MIAO LETTER TTA	
16F0F	𠂖	MIAO LETTER DDA	
16F10	𠂗	MIAO LETTER NA	
16F11	𠂘	MIAO LETTER NHA	
16F12	𠂙	MIAO LETTER YI NNA	• used in Hei Yi
16F13	𠂚	MIAO LETTER ARCHAIC NA	• used in Pollard's early orthography
16F14	𠂛	MIAO LETTER NNA	
16F15	𠂜	MIAO LETTER NNHA	
16F16	𠂝	MIAO LETTER LA	
16F17	𠂞	MIAO LETTER LYA	• used in Black Yi
16F18	𠂟	MIAO LETTER LHA	
16F19	𠂠	MIAO LETTER LHYA	• used in Black Yi
16F1A	𠂢	MIAO LETTER TLHA	
16F1B	𠂣	MIAO LETTER DLHA	
16F1C	𠂤	MIAO LETTER TLHYA	
16F1D	𠂥	MIAO LETTER DLHYA	
16F1E	𠂦	MIAO LETTER KA	• used for ga in Dry Yi
16F1F	𠂧	MIAO LETTER GA	
16F20	𠂩	MIAO LETTER YI KA	• used for ka in Dry Yi
16F21	𠂪	MIAO LETTER QA	
16F22	𠂫	MIAO LETTER QGA	
16F23	𠂬	MIAO LETTER NGA	
16F24	𠂭	MIAO LETTER NGHA	
16F25	𠂮	MIAO LETTER ARCHAIC NGA	• used in Pollard's early orthography
16F26	𠂯	MIAO LETTER HA	
16F27	𠂱	MIAO LETTER XA	• archaic character used in a post-1949 reformed orthography
16F28	𠂲	MIAO LETTER GHA	
16F29	𠂳	MIAO LETTER GHHA	
16F2A	𠂴	MIAO LETTER TSSA	
16F2B	𠂵	MIAO LETTER DZZA	

16F2C	𠂶	MIAO LETTER NYA	
16F2D	𠂷	MIAO LETTER NYHA	
16F2E	𠂸	MIAO LETTER TSHA	• used for dzha in Dry Yi
16F2F	𠂹	MIAO LETTER DZHA	
16F30	𠂺	MIAO LETTER YI TSHA	• used for tsha in Dry Yi
16F31	𠂻	MIAO LETTER YI DZHA	• used in Hei Yi
16F32	𠂼	MIAO LETTER REFORMED TSHA	• archaic character used in a post-1949 reformed orthography
16F33	𠂽	MIAO LETTER SHA	
16F34	𠂽	MIAO LETTER SSA	
16F35	𠂽	MIAO LETTER ZHA	• used in Black Yi
16F36	𠂽	MIAO LETTER ZSHA	• used in Black Yi
16F37	𠂽	MIAO LETTER TSA	• used for dza in Dry Yi
16F38	𠂽	MIAO LETTER DZA	
16F39	𠂽	MIAO LETTER YI TSA	• used for tsa in Dry Yi
16F3A	𠂽	MIAO LETTER SA	
16F3B	𠂽	MIAO LETTER ZA	
16F3C	𠂽	MIAO LETTER ZSA	• used in Black Yi
16F3D	𠂽	MIAO LETTER ZZA	
16F3E	𠂽	MIAO LETTER ZZSA	• used in Black Yi
16F3F	>	MIAO LETTER ARCHAIC ZZA	• used in Pollard's early orthography
16F40	𠂽	MIAO LETTER ZZYA	• used in Black Yi
16F41	𠂽	MIAO LETTER ZZSYA	• used in Black Yi
16F42	𠂽	MIAO LETTER WA	
16F43	𠂽	MIAO LETTER AH	• glottal stop
16F44	𠂽	MIAO LETTER HHA	• used in Black Yi

**Modifiers**

16F50	𠂆	MIAO LETTER NASALIZATION	
16F51	𠂇	MIAO SIGN ASPIRATION	
16F52	𠂈	MIAO SIGN REFORMED VOICING	• archaic character used in a post-1949 reformed orthography
16F53	𠂉	MIAO SIGN REFORMED ASPIRATION	• archaic character used in a post-1949 reformed orthography

**Vowels and finals**

16F54	𠂊	MIAO VOWEL SIGN A	
16F55	𠂋	MIAO VOWEL SIGN AA	• used in Eastern Lisu
16F56	𠂌	MIAO VOWEL SIGN AHH	• used in Gan Yi
16F57	𠂍	MIAO VOWEL SIGN AN	
16F58	𠂎	MIAO VOWEL SIGN ANG	• also used for aw
16F59	𠂏	MIAO VOWEL SIGN O	
16F5A	𠂐	MIAO VOWEL SIGN OO	

16F5B

Miao

16F9F

16F5B	Ⓜ MIAO VOWEL SIGN WO • used in Hei Yi
16F5C	Ⓜ MIAO VOWEL SIGN W
16F5D	Ⓜ MIAO VOWEL SIGN E
16F5E	Ⓜ MIAO VOWEL SIGN EN
16F5F	Ⓜ MIAO VOWEL SIGN ENG
16F60	Ⓜ MIAO VOWEL SIGN OEH
16F61	Ⓜ MIAO VOWEL SIGN I
16F62	Ⓜ MIAO VOWEL SIGN IA
16F63	Ⓜ MIAO VOWEL SIGN IAN
16F64	Ⓜ MIAO VOWEL SIGN IANG • also used for iaw
16F65	Ⓜ MIAO VOWEL SIGN IO
16F66	Ⓜ MIAO VOWEL SIGN IE
16F67	Ⓜ MIAO VOWEL SIGN II • used in Eastern Lisu
16F68	Ⓜ MIAO VOWEL SIGN IU
16F69	Ⓜ MIAO VOWEL SIGN ING • also used for in
16F6A	Ⓜ MIAO VOWEL SIGN U
16F6B	Ⓜ MIAO VOWEL SIGN UA
16F6C	Ⓜ MIAO VOWEL SIGN UAN
16F6D	Ⓜ MIAO VOWEL SIGN UANG • also used for uaw
16F6E	Ⓜ MIAO VOWEL SIGN UU • used in Eastern Lisu
16F6F	Ⓜ MIAO VOWEL SIGN UEI
16F70	Ⓜ MIAO VOWEL SIGN UNG
16F71	Ⓜ MIAO VOWEL SIGN Y
16F72	Ⓜ MIAO VOWEL SIGN YI
16F73	Ⓜ MIAO VOWEL SIGN AE
16F74	Ⓜ MIAO VOWEL SIGN AEE • used in Eastern Lisu
16F75	Ⓜ MIAO VOWEL SIGN ERR
16F76	Ⓜ MIAO VOWEL SIGN ROUNDED ERR • used in Eastern Lisu
16F77	Ⓜ MIAO VOWEL SIGN ER
16F78	Ⓜ MIAO VOWEL SIGN ROUNDED ER • used in Eastern Lisu
16F79	Ⓜ MIAO VOWEL SIGN AI
16F7A	Ⓜ MIAO VOWEL SIGN EI
16F7B	Ⓜ MIAO VOWEL SIGN AU
16F7C	Ⓜ MIAO VOWEL SIGN OU
16F7D	Ⓜ MIAO VOWEL SIGN N
16F7E	Ⓜ MIAO VOWEL SIGN NG

**Positioning tone marks**

*These are used to position the vowel off of the baseline position to indicate a changed tone.*

16F8F	Ⓜ MIAO TONE RIGHT
16F90	Ⓜ MIAO TONE TOP RIGHT
16F91	Ⓜ MIAO TONE ABOVE
16F92	Ⓜ MIAO TONE BELOW

**Baseline tone marks**

*These are used in Chuxiong Ahmao instead of the positioning tone marks.*

16F93	Ⓜ MIAO LETTER TONE-2
16F94	Ⓜ MIAO LETTER TONE-3
16F95	Ⓜ MIAO LETTER TONE-4
16F96	Ⓜ MIAO LETTER TONE-5
16F97	Ⓜ MIAO LETTER TONE-6

16F98	Ⓜ MIAO LETTER TONE-7
16F99	Ⓜ MIAO LETTER TONE-8

**Archaic baseline tone marks**

*These are archaic characters used in a post-1949 reformed orthography.*

16F9A	Ⓜ MIAO LETTER REFORMED TONE-1
16F9B	Ⓜ MIAO LETTER REFORMED TONE-2
16F9C	Ⓜ MIAO LETTER REFORMED TONE-4
16F9D	Ⓜ MIAO LETTER REFORMED TONE-5
16F9E	Ⓜ MIAO LETTER REFORMED TONE-6
16F9F	Ⓜ MIAO LETTER REFORMED TONE-8

	1B00	1B01	1B02	1B03	1B04	1B05	1B06	1B07	1B08	1B09	1B0A	1B0B	1B0C	1B0D	1B0E	1B0F
0	ｦ															
1	ﾩ															
2																
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7																
8																
9																
A																
B																
C																
D																
E																
F																

**Historic Katakana**

1B000 → KATAKANA LETTER ARCHAIC E

**Historic Hiragana**

1B001 ↩ HIRAGANA LETTER ARCHAIC YE

1BC00

Duployan

1BC9F

	1BC0	1BC1	1BC2	1BC3	1BC4	1BC5	1BC6	1BC7	1BC8	1BC9
0	• 1BC00	/ 1BC10	U 1BC20	C 1BC30	F 1BC40	Z 1BC50	O 1BC60	-: 1BC70	,	,
1	,	- 1BC11	(. 1BC21	C 1BC31	o 1BC41	~ 1BC51	~ 1BC61	-: 1BC71	... 1BC81	... 1BC91
2		- 1BC12	(. 1BC22	C 1BC32	o 1BC42	~ 1BC52	~ 1BC62	-: 1BC72	,	,
3	- 1BC03	- 1BC13	(. 1BC23	C 1BC33	O 1BC43	~ 1BC53	~ 1BC63	-: 1BC73	L 1BC83	L 1BC93
4	\ 1BC04	X 1BC14	(. 1BC24	C 1BC34	O 1BC44	O 1BC54	~ 1BC64	-: 1BC74	• 1BC84	• 1BC94
5	/ 1BC05	X 1BC15	(. 1BC25	C 1BC35	O 1BC45	O 1BC55	,	-: 1BC75	○ 1BC85	○ 1BC95
6	/ 1BC06	X 1BC16	(. 1BC26	C 1BC36	c 1BC46	O 1BC56	~ 1BC66	-: 1BC76	- 1BC86	- 1BC96
7	 1BC07	X 1BC17	(. 1BC27	C 1BC37	v 1BC47	O 1BC57	~ 1BC67	-: 1BC77	S 1BC87	S 1BC97
8	- 1BC08	X 1BC18	) 1BC28	C 1BC38	c 1BC48	O 1BC58	~ 1BC68	-: 1BC78	I 1BC88	I 1BC98
9	\ 1BC09	( 1BC19	) 1BC29	C 1BC39	v 1BC49	O 1BC59	~ 1BC69	~ 1BC79	7 1BC99	
A	/ 1BC0A	) 1BC1A	U 1BC2A	C 1BC3A	n 1BC4A	O 1BC5A	r 1BC6A	.. 1BC7A	⊕ 1BC9C	
B	/ 1BC0B	U 1BC1B	{ 1BC2B}	C 1BC3B	v 1BC4B	O 1BC5B	DT LS 1BC9D		DT LS 1BC9D	
C	 1BC0C	U 1BC1C	) 1BC2C	C 1BC3C	v 1BC4C	O 1BC5C	⊕ 1BC9C		⊕ 1BC9C	
D	- 1BC0D	{ 1BC1D}	) 1BC2D	C 1BC3D	v 1BC4D	O 1BC5D	DT LS 1BC9D		DT LS 1BC9D	
E	\ 1BC0E	) 1BC1E	U 1BC2E	C 1BC3E	v 1BC4E	O 1BC5E	DT LS 1BC9D		DT LS 1BC9D	
F	/ 1BC0F	U 1BC1F	U 1BC2F	C 1BC3F	i 1BC4F	O 1BC5F	=		=	

1BC00

Duployan

1BC28

**Non-joining consonants**

- 1BC00 - DUPLOYAN LETTER H  
   • Chinook, Pernin, Sloan, Perrault
- 1BC01 ✓ DUPLOYAN LETTER X  
   • Salishan

**Line consonants**

- 1BC02 | DUPLOYAN LETTER P  
   • Chinook number 1
- 1BC03 - DUPLOYAN LETTER T  
   • Chinook number 2
- 1BC04 \ DUPLOYAN LETTER F  
   • Chinook number 3
- 1BC05 ✓ DUPLOYAN LETTER K  
   • written down and to the left  
   • Chinook number 4
- 1BC06 ✓ DUPLOYAN LETTER L  
   • written up and to the right  
   • Pernin letter R
- 1BC07 | DUPLOYAN LETTER B  
   → 1BC73 † DUPLOYAN affix low vertical secant  
   → 1BC74 † DUPLOYAN affix mid vertical secant  
   → 1BC75 † DUPLOYAN affix high vertical secant
- 1BC08 — DUPLOYAN LETTER D  
   → 1BC70 ‡ DUPLOYAN affix left horizontal secant  
   → 1BC71 ‡ DUPLOYAN affix mid horizontal secant  
   → 1BC72 ‡ DUPLOYAN affix right horizontal secant
- 1BC09 \ DUPLOYAN LETTER V
- 1BC0A ✓ DUPLOYAN LETTER G  
   • written down and to the left
- 1BC0B ✓ DUPLOYAN LETTER R  
   • written up and to the right  
   • Chinook number 5  
   • French number milliards  
   • Pernin L  
   • Pernin Reporters' word repeat sign
- 1BC0C | DUPLOYAN LETTER P N  
   • Sloan B B  
   → 1BC02 | DUPLOYAN letter p  
   → 1BC1A ) DUPLOYAN letter n
- 1BC0D — DUPLOYAN LETTER D S  
   • Sloan D D  
   → 1BC08 — DUPLOYAN letter d  
   → 1BC1C ✓ DUPLOYAN letter s
- 1BC0E \ DUPLOYAN LETTER F N  
   • Sloan V V  
   → 1BC04 \ DUPLOYAN letter f  
   → 1BC1A ) DUPLOYAN letter n
- 1BC0F ✓ DUPLOYAN LETTER K M  
   • written down and to the left  
   • Sloan G G  
   → 1BC05 ✓ DUPLOYAN letter k  
   → 1BC19 ( DUPLOYAN letter m
- 1BC10 ✓ DUPLOYAN LETTER R S  
   • written up and to the right  
   • Sloan R R  
   → 1BC0B ✓ DUPLOYAN letter r  
   → 1BC1C ✓ DUPLOYAN letter s
- 1BC11 - DUPLOYAN LETTER TH  
   • Chinook, Sloan, Pernin, Perrault
- 1BC12 - DUPLOYAN LETTER SLOAN DH

## 1BC13 ← DUPLOYAN LETTER DH

- Chinook
- 1BC08 — duployan letter d

## 1BC14 ✕ DUPLOYAN LETTER KK

- written down and to the left
- Chinook

## 1BC15 ✕ DUPLOYAN LETTER SLOAN J

- written down and to the left
- Chinook

## 1BC16 ✕ DUPLOYAN LETTER HL

- written up and to the right
- Chinook

## 1BC17 ✕ DUPLOYAN LETTER LH

- written up and to the right
- Chinook

## 1BC18 ✕ DUPLOYAN LETTER RH

- written up and to the right
- Chinook

**Arc consonants**

- 1BC19 ( DUPLOYAN LETTER M  
   • Chinook number 6
- 1BC1A ) DUPLOYAN LETTER N  
   • Chinook number 7
- 1BC1B ↘ DUPLOYAN LETTER J  
   • Chinook number 8  
   • Chinook, Pernin sh
- 1BC1C ↘ DUPLOYAN LETTER S  
   • Chinook number 9  
   • French hundreds
- 1BC1D € DUPLOYAN LETTER M N  
   • Romanian mai mult, not Romanian mult mai sign
- 1BC1E ) DUPLOYAN LETTER N M  
   • not Romanian nu nu sign
- 1BC1F ↘ DUPLOYAN LETTER J M  
   • not Romanian ceea ce sign
- 1BC20 ↘ DUPLOYAN LETTER S J  
   • not Romanian sa se sign
- 1BC21 ( DUPLOYAN LETTER M WITH DOT  
   • Romanian sign mijloc
- 1BC22 ) DUPLOYAN LETTER N WITH DOT  
   • Chinook ng  
   • Romanian sign nici
- 1BC23 ↘ DUPLOYAN LETTER J WITH DOT  
   • Chinook, Romanian ch  
   • Sloan zh  
   • Chinook, Perrault j
- 1BC24 ↗ DUPLOYAN LETTER J WITH DOTS INSIDE AND ABOVE  
   • used in isolation  
   • Romanian sign ici si colo
- 1BC25 ↘ DUPLOYAN LETTER S WITH DOT  
   • Chinook ts  
   • Chinook, Romanian, Sloan z
- 1BC26 ↘ DUPLOYAN LETTER S WITH DOT BELOW  
   • Romanian sh
- 1BC27 ( DUPLOYAN LETTER M S  
   • Sloan m m
- 1BC28 ) DUPLOYAN LETTER N S  
   • Pernin, Sloan, Perrault ng

1BC29

Duployan

1BC50

1BC29 ⌂ DUPLOYAN LETTER JS

- Romanian ge
- Pernin, Perrault zh
- Sloan ch

1BC2A ⌂ DUPLOYAN LETTER SS

- French, Sloan
- Romanian ts
- Pernin, Perrault z

1BC2B ⌂ DUPLOYAN LETTER M NS

1BC2C ⌂ DUPLOYAN LETTER N MS

1BC2D ⌂ DUPLOYAN LETTER J MS

1BC2E ⌂ DUPLOYAN LETTER S JS

1BC2F ⌂ DUPLOYAN LETTER JS WITH DOT

- Sloan hard ch
- Pernin, Perrault ch

1BC30 ⌂ DUPLOYAN LETTER J N

1BC31 ⌂ DUPLOYAN LETTER J NS

**Quarter-arc consonants written downwards**

1BC32 ⌂ DUPLOYAN LETTER ST

- Pernin, Perrault
- Sloan sm

1BC33 ⌂ DUPLOYAN LETTER STR

- Pernin, Perrault
- Sloan sn

1BC34 ⌂ DUPLOYAN LETTER SP

- Pernin, Perrault
- Sloan kw

1BC35 ⌂ DUPLOYAN LETTER SPR

- Pernin, Perrault
- Sloan skw

1BC36 ⌂ DUPLOYAN LETTER TS

- Perrault
- Sloan std

1BC37 ⌂ DUPLOYAN LETTER TRS

- Perrault
- Sloan sst

1BC38 ⌂ DUPLOYAN LETTER W

- Sloan, Perrault, Pernin
- takes form of a hook or wave after k and g

1BC39 ⌂ DUPLOYAN LETTER WH

1BC3A ⌂ DUPLOYAN LETTER WR

- Perrault
- Sloan sw

**Quarter-arc consonants written upwards**

1BC3B ⌂ DUPLOYAN LETTER SN

- Perrault
- Pernin krs
- Sloan SP

1BC3C ⌂ DUPLOYAN LETTER SM

- Perrault
- Pernin grs
- Sloan sl

1BC3D ⌂ DUPLOYAN LETTER KRS

- Perrault

1BC3E ⌂ DUPLOYAN LETTER GRS

- Perrault

1BC3F ⌂ DUPLOYAN LETTER SK

- Perrault, Pernin
- Sloan ts

1BC40 ⌂ DUPLOYAN LETTER SKR

- Perrault, Pernin
- Sloan ds

**Circle vowels**

1BC41 ⌂ DUPLOYAN LETTER A

- Chinook number tens

1BC42 ⌂ DUPLOYAN LETTER SLOAN OW

- reverse circle vowel

1BC43 ⌂ DUPLOYAN LETTER OA

- Pernin aw
- Perrault aw

1BC44 ⌂ DUPLOYAN LETTER O

- Chinook number 0

1BC45 ⌂ DUPLOYAN LETTER AOU

**Semi-circle vowels**

1BC46 ⌂ DUPLOYAN LETTER I

- character rotates to match entry angle of preceding consonant
- primary orientating (right and up)
- Perrault long a, short e (with accents)

1BC47 ⌂ DUPLOYAN LETTER E

- character rotates to match entry angle of preceding consonant
  - secondary orientating (left and down)
  - Sloan long a
  - Perrault short i, long e (with dot accent)
- 1BC7A ⌂ duployan affix attached e hook

1BC48 ⌂ DUPLOYAN LETTER IE

- used as an invariant vowel and for orientating word abbreviations consisting of only vowels
- Duployan
- Pernin a

1BC49 ⌂ DUPLOYAN LETTER SHORT I

- used as an invariant vowel and for orientating word abbreviations consisting of only vowels
- Pernin, Duployan
- Consolidated Duployan r tr

1BC4A ⌂ DUPLOYAN LETTER UI

- used as an invariant vowel and for orientating word abbreviations consisting of only vowels
- Duployan
- Pernin e

1BC4B ⌂ DUPLOYAN LETTER EE

- used as an invariant vowel and for orientating word abbreviations consisting of only vowels
- Pernin, Duployan

1BC4C ⌂ DUPLOYAN LETTER SLOAN EH

1BC4D ⌂ DUPLOYAN LETTER ROMANIAN I

- character rotates to match entry angle of preceding consonant, with dot maintaining relative position
- secondary orientating (left and down)

1BC4E ⌂ DUPLOYAN LETTER SLOAN EE

**Diagonal-line vowels**

1BC4F ⌂ DUPLOYAN LETTER LONG I

- Pernin
- angles like an "f" when adjacent to a k-type consonant

1BC50 ⌂ DUPLOYAN LETTER YE

1BC51

Duployan

1BC76

**Quarter-circle vowels**

- 1BC51 ◌ DUPLOYAN LETTER U  
   • character rotates to match entry angle of preceding consonant  
   • primary orientating (right and up)  
   • Romanian en  
   → 1BC38 ↗ duployan letter w  
   → 1BC56 ◌ duployan letter romanian u  
   → 1BC55 ↘ duployan letter long u
- 1BC52 ↘ DUPLOYAN LETTER EU  
   • character rotates to match entry angle of preceding consonant  
   • secondary orientating (left and down)  
   • Romanian an  
   • in French usage, may be rendered with a dot contextually
- 1BC53 ◌ DUPLOYAN LETTER XW  
   • Perrault uh  
   • not French eu
- 1BC54 ◌ DUPLOYAN LETTER U N  
   → 1BC1A ⌂ duployan letter n

**Other vowels**

- 1BC55 ↙ DUPLOYAN LETTER LONG U  
   • this character does not rotate to match entry angle of preceding consonant  
   • Pernin, Perrault
- 1BC56 ⌂ DUPLOYAN LETTER ROMANIAN U
- 1BC57 ⌂ DUPLOYAN LETTER UH  
   • Sloan
- 1BC58 ⌂ DUPLOYAN LETTER SLOAN U
- 1BC59 ⌂ DUPLOYAN LETTER OOH  
   • Sloan

**Dotted-circle vowels**

- 1BC5A ⌂ DUPLOYAN LETTER OW  
   • should not be used for Romanian u
- 1BC5B ⌂ DUPLOYAN LETTER OU  
   • should not be used for Perrault ow  
   • Chinook letter oo

**Compound vowels**

- 1BC5C ⌂ DUPLOYAN LETTER WA  
   • Chinook  
   • Chinook number hundreds  
   • Perrault oy  
   • not Romanian o+a
- 1BC5D ⌂ DUPLOYAN LETTER WO  
   • Chinook
- 1BC5E ⌂ DUPLOYAN LETTER WI  
   • Chinook
- 1BC5F ⌂ DUPLOYAN LETTER WEI  
   • Salishan
- 1BC60 ⌂ DUPLOYAN LETTER WOW  
   • Salishan

**Basic nasal vowels**

*These nasal vowel characters position diacritically, as an orientating vowel, or as an invariant vowel.*

- 1BC61 ↗ DUPLOYAN LETTER NASAL U  
   • secondary orientating; invariant direction downwards  
   • French number 1  
   • Pernin in  
   • Consolidated Duployan affix int-r

- 1BC62 ↗ DUPLOYAN LETTER NASAL O  
   • secondary orientating; invariant direction upwards  
   • neutral nasal vowel for transcription of an ambiguous secondary orientating nasal vowel  
   • Pernin om, im  
   • Perrault letters an, en, in, un (with accents)  
   • Consolidated Duployan affix int-r-
- 1BC63 ↗ DUPLOYAN LETTER NASAL I  
   • primary orientating; invariant direction downwards  
   • Romanian multiplicative number prefix  
   • Pernin im  
   • Consolidated Duployan affix int-r-
- 1BC64 ↗ DUPLOYAN LETTER NASAL A  
   • primary orientating; invariant direction upwards  
   • neutral nasal vowel for transcription of an ambiguous primary orientating nasal vowel  
   • Perrault vocalic n - an, en, in, un (with accents)  
   • Pernin on  
   • Romanian yn

**Additional nasal vowels**

- 1BC65 ↗ DUPLOYAN LETTER PERNIN AN  
   • written downwards
- 1BC66 ↗ DUPLOYAN LETTER PERNIN AM  
   • written downwards
- 1BC67 ↗ DUPLOYAN LETTER SLOAN EN
- 1BC68 ↗ DUPLOYAN LETTER SLOAN AN
- 1BC69 ↗ DUPLOYAN LETTER SLOAN ON
- 1BC6A ↗ DUPLOYAN LETTER VOCALIC M  
   • primary orientating vowel  
   • Perrault am, em, im, um (with accents)

**Attached affixes**

*The dots in the chart glyphs for these attached affixes show the position on and relative orientation to the base glyph they are attached to, and are not visibly rendered.*

- 1BC70 ↗ DUPLOYAN AFFIX LEFT HORIZONTAL SECANT  
   • Pernin Reporters' extra-  
   → 1BC08 — duployan letter d
- 1BC71 ↗ DUPLOYAN AFFIX MID HORIZONTAL SECANT  
   • Pernin Reporters' inter-
- 1BC72 ↗ DUPLOYAN AFFIX RIGHT HORIZONTAL SECANT  
   • Pernin Reporters' contra-
- 1BC73 ↗ DUPLOYAN AFFIX LOW VERTICAL SECANT  
   • Pernin Reporters' sub-  
   → 1BC07 | duployan letter b
- 1BC74 ↗ DUPLOYAN AFFIX MID VERTICAL SECANT  
   • Pernin Reporters' trans-
- 1BC75 ↗ DUPLOYAN AFFIX HIGH VERTICAL SECANT  
   • Pernin Reporters' super-
- 1BC76 ↗ DUPLOYAN AFFIX ATTACHED SECANT  
   • generally crosses adjacent character at perpendicular, but has a bias towards SW/NE angle in contrast to 1BC77 ↗  
   • as a prefix, takes opposite relative position to following glyph  
   • default neutral secant affix  
   • French suffix -anse  
   • Pernin prefix pre-  
   • Sloan affix ax/-ext

1BC77

Duployan

1BC9C

1BC77	‡ DUPLOYAN AFFIX ATTACHED LEFT-TO-RIGHT SECANT <ul style="list-style-type: none"> <li>• generally crosses adjacent character at perpendicular, but has a bias towards NW/SE angle in contrast to 1BC76 ..</li> <li>• as a suffix, takes opposite relative position to following glyph</li> <li>• Pernin prefix per-</li> </ul>	1BC86	- DUPLOYAN AFFIX HIGH LINE <ul style="list-style-type: none"> <li>• French suffix -iste</li> <li>• Romanian affix -tor</li> <li>• Pernin affix dis-</li> <li>→ 02C9 ¯ modifier letter macron</li> </ul>
1BC78	.. DUPLOYAN AFFIX ATTACHED TANGENT <ul style="list-style-type: none"> <li>• as a prefix, takes opposite relative position to following glyph</li> <li>• French suffix -tan</li> <li>• Romanian str-/str</li> </ul>	1BC87	~ DUPLOYAN AFFIX HIGH WAVE <ul style="list-style-type: none"> <li>• French suffix -ificatif</li> <li>→ 02DC ~ small tilde</li> </ul>
1BC79	) DUPLOYAN AFFIX ATTACHED TAIL <ul style="list-style-type: none"> <li>• orientating character</li> <li>• French suffix -sionnaire</li> </ul>	1BC88	' DUPLOYAN AFFIX HIGH VERTICAL <ul style="list-style-type: none"> <li>• also functions as attached affix vertical up with ZWJ</li> <li>• about half as long as Duployan letter p</li> <li>• as a prefix, has falling stroke direction</li> <li>• Pernin ZWJ + -ime</li> <li>• Sloan tele-</li> <li>→ 1BC02 i duployan letter p</li> </ul>
1BC7A	: DUPLOYAN AFFIX ATTACHED E HOOK <ul style="list-style-type: none"> <li>• glyph is retrograde and opens up or down, depending on preceding letter</li> <li>• French suffix -te</li> <li>→ 1BC47 ~ duployan letter e</li> </ul>	<b>Low affixes</b>	
1BC7B	: DUPLOYAN AFFIX ATTACHED I HOOK <ul style="list-style-type: none"> <li>• glyph is retrograde and opens left or right, depending on preceding letter</li> <li>• French suffix -tou</li> <li>• Sloan affix irre-/ary</li> <li>→ 1BC46 c duployan letter i</li> </ul>	1BC90	, DUPLOYAN AFFIX LOW ACUTE <ul style="list-style-type: none"> <li>• French suffix -cion</li> <li>• Pernin prefix ex-</li> <li>→ 02CF , modifier letter low acute accent</li> </ul>
1BC7C	: DUPLOYAN AFFIX ATTACHED TANGENT HOOK <ul style="list-style-type: none"> <li>• attached affix</li> <li>• Romanian affix ist-/ism</li> <li>• Consolidated Duployan prefix t-r-</li> </ul>	1BC91	, DUPLOYAN AFFIX LOW TIGHT ACUTE <ul style="list-style-type: none"> <li>• as a suffix, placed under and to the right of the following letter</li> <li>• Pernin suf-, sug-</li> </ul>
<b>High affixes</b>		1BC92	, DUPLOYAN AFFIX LOW GRAVE <ul style="list-style-type: none"> <li>• French suffix -ion</li> <li>• French number millions</li> <li>→ 02CE , modifier letter low grave accent</li> </ul>
1BC80	, DUPLOYAN AFFIX HIGH ACUTE <ul style="list-style-type: none"> <li>• French suffix -ment</li> <li>• Romanian suffix -mant</li> <li>• Pernin sub-</li> <li>• Pernin Reporters' prefix pro-</li> <li>→ 02CA ' modifier letter acute accent</li> </ul>	1BC93	, DUPLOYAN AFFIX LOW LONG GRAVE <ul style="list-style-type: none"> <li>• Pernin extra-</li> </ul>
1BC81	, DUPLOYAN AFFIX HIGH TIGHT ACUTE <ul style="list-style-type: none"> <li>• as a suffix, placed above and to the right of the following letter</li> <li>• Pernin Pro-</li> </ul>	1BC94	, DUPLOYAN AFFIX LOW DOT <ul style="list-style-type: none"> <li>• French suffix -ie</li> <li>• French iterative number</li> <li>• Romanian affix inter-</li> <li>• not Romanian millions - see 0323 ø combining dot below and 0324 œ combining diaeresis below</li> </ul>
1BC82	, DUPLOYAN AFFIX HIGH GRAVE <ul style="list-style-type: none"> <li>• French suffix -ien</li> <li>• Pernin prefix con-</li> <li>→ 02CB ` modifier letter grave accent</li> </ul>	1BC95	, DUPLOYAN AFFIX LOW CIRCLE <ul style="list-style-type: none"> <li>• French suffix -iere</li> <li>• French percent</li> <li>→ 02F3 ° modifier letter low ring</li> </ul>
1BC83	, DUPLOYAN AFFIX HIGH LONG GRAVE <ul style="list-style-type: none"> <li>• Pernin prefix contra-</li> </ul>	1BC96	, DUPLOYAN AFFIX LOW LINE <ul style="list-style-type: none"> <li>• French suffix -isme</li> <li>• Pernin affix mis-</li> <li>→ 02D7 - modifier letter minus sign</li> </ul>
1BC84	, DUPLOYAN AFFIX HIGH DOT <ul style="list-style-type: none"> <li>• French number thousands</li> <li>• French suffix -eur</li> <li>• Romanian affix trans-/lui</li> <li>• not Romanian hundreds - use 0307 ø combining dot above and 0308 œ combining diaeresis</li> <li>→ 02D9 ° dot above</li> </ul>	1BC97	, DUPLOYAN AFFIX LOW WAVE <ul style="list-style-type: none"> <li>• French suffix -ification</li> <li>→ 02F7 ~ modifier letter low tilde</li> </ul>
1BC85	, DUPLOYAN AFFIX HIGH CIRCLE <ul style="list-style-type: none"> <li>• French ordinal number</li> <li>• French suffix -euse</li> <li>• not Romanian number grade or percent suffix</li> <li>→ 00B0 ° degree sign</li> <li>→ 02DA ° ring above</li> </ul>	1BC98	, DUPLOYAN AFFIX LOW VERTICAL <ul style="list-style-type: none"> <li>• functions as attached affix vertical down with ZWJ</li> <li>• about half as long as the Duployan letter p</li> <li>• as a prefix, has rising stroke direction</li> <li>• Pernin ZWJ + -ine</li> <li>→ 1BC02 i duployan letter p</li> </ul>
		1BC99	, DUPLOYAN AFFIX LOW ARROW <ul style="list-style-type: none"> <li>• Romanian prefix sub-</li> </ul>
<b>Miscellaneous sign</b>			
1BC9C	⊕ DUPLOYAN SIGN O WITH CROSS <ul style="list-style-type: none"> <li>• Chinook Likalisti</li> </ul>		

**Sloan R-form selector**

The Sloan R-form selector denotes an r-flavored letter. It causes the previous Duployan character to be rendered bold. The glyph shown in the code chart is arbitrary and is not visibly rendered.

1BC9D  DUPLOYAN THICK LETTER SELECTOR

**Shorthand double mark**

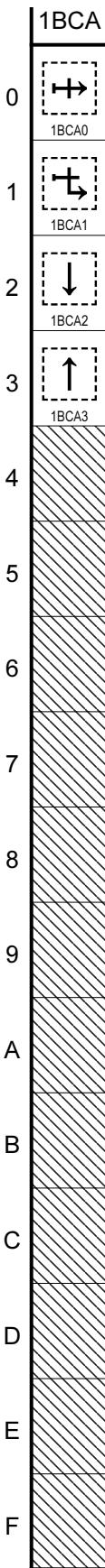
The dots in the chart glyph for this mark show the position on and relative orientation to the base glyph the mark is attached to, and are not visibly rendered.

1BC9E ✕ DUPLOYAN DOUBLE MARK

- Romanian, Sloan
- should be used with m, n, j, and s for the Romanian word signs mai mult, nu nu, ceea ce, and sa se
- can be doubled and tripled

**Chinook punctuation**

1BC9F = DUPLOYAN PUNCTUATION CHINOOK FULL STOP

**Shorthand format controls**

The glyphs for these format controls in the code charts are arbitrary and are not visibly rendered.

- 1BCA0 SHORTHAND FORMAT LETTER OVERLAP
- 1BCA1 SHORTHAND FORMAT CONTINUING OVERLAP
- 1BCA2 SHORTHAND FORMAT DOWN STEP  
= Romanian affix -tsion-  
= Sloan contracted ending oo/o + ZWSP
- 1BCA3 SHORTHAND FORMAT UP STEP  
= Sloan contracted ending uh/au/au + ZWSP

1D00 1D01 1D02 1D03 1D04 1D05 1D06 1D07 1D08 1D09 1D0A 1D0B 1D0C 1D0D 1D0E 1D0F															
0	♩	♪	♫	♩	♪	♫	♩	♪	♫	♩	♪	♫	♩	♪	♫
1D000	1D010	1D020	1D030	1D040	1D050	1D060	1D070	1D080	1D090	1D0A0	1D0B0	1D0C0	1D0D0	1D0E0	1D0F0
1	♩	♪	♫	♩	♪	♫	♩	♪	♫	♩	♪	♫	♩	♪	♫
1D001	1D011	1D021	1D031	1D041	1D051	1D061	1D071	1D081	1D091	1D0A1	1D0B1	1D0C1	1D0D1	1D0E1	1D0F1
2	♩	♪	♫	♩	♪	♫	♩	♪	♫	♩	♪	♫	♩	♪	♫
1D002	1D012	1D022	1D032	1D042	1D052	1D062	1D072	1D082	1D092	1D0A2	1D0B2	1D0C2	1D0D2	1D0E2	1D0F2
3	♩	♪	♫	♩	♪	♫	♩	♪	♫	♩	♪	♫	♩	♪	♫
1D003	1D013	1D023	1D033	1D043	1D053	1D063	1D073	1D083	1D093	1D0A3	1D0B3	1D0C3	1D0D3	1D0E3	1D0F3
4	♩	♪	♫	♩	♪	♫	♩	♪	♫	♩	♪	♫	♩	♪	♫
1D004	1D014	1D024	1D034	1D044	1D054	1D064	1D074	1D084	1D094	1D0A4	1D0B4	1D0C4	1D0D4	1D0E4	1D0F4
5	♩	♪	♫	♩	♪	♫	♩	♪	♫	♩	♪	♫	♩	♪	♫
1D005	1D015	1D025	1D035	1D045	1D055	1D065	1D075	1D085	1D095	1D0A5	1D0B5	1D0C5	1D0D5	1D0E5	1D0F5
6	♩	♪	♫	♩	♪	♫	♩	♪	♫	♩	♪	♫	♩	♪	♫
1D006	1D016	1D026	1D036	1D046	1D056	1D066	1D076	1D086	1D096	1D0A6	1D0B6	1D0C6	1D0D6	1D0E6	
7	♩	♪	♫	♩	♪	♫	♩	♪	♫	♩	♪	♫	♩	♪	♫
1D007	1D017	1D027	1D037	1D047	1D057	1D067	1D077	1D087	1D097	1D0A7	1D0B7	1D0C7	1D0D7	1D0E7	
8	♩	♪	♫	♩	♪	♫	♩	♪	♫	♩	♪	♫	♩	♪	♫
1D008	1D018	1D028	1D038	1D048	1D058	1D068	1D078	1D088	1D098	1D0A8	1D0B8	1D0C8	1D0D8	1D0E8	
9	♩	♪	♫	♩	♪	♫	♩	♪	♫	♩	♪	♫	♩	♪	♫
1D009	1D019	1D029	1D039	1D049	1D059	1D069	1D079	1D089	1D099	1D0A9	1D0B9	1D0C9	1D0D9	1D0E9	
A	♩	♪	♫	♩	♪	♫	♩	♪	♫	♩	♪	♫	♩	♪	♫
1D00A	1D01A	1D02A	1D03A	1D04A	1D05A	1D06A	1D07A	1D08A	1D09A	1D0AA	1D0BA	1D0CA	1D0DA	1D0EA	
B	♩	♪	♫	♩	♪	♫	♩	♪	♫	♩	♪	♫	♩	♪	♫
1D00B	1D01B	1D02B	1D03B	1D04B	1D05B	1D06B	1D07B	1D08B	1D09B	1D0AB	1D0BB	1D0CB	1D0DB	1D0EB	
C	♩	♪	♫	♩	♪	♫	♩	♪	♫	♩	♪	♫	♩	♪	♫
1D00C	1D01C	1D02C	1D03C	1D04C	1D05C	1D06C	1D07C	1D08C	1D09C	1D0AC	1D0BC	1D0CC	1D0DC	1D0EC	
D	♩	♪	♫	♩	♪	♫	♩	♪	♫	♩	♪	♫	♩	♪	♫
1D00D	1D01D	1D02D	1D03D	1D04D	1D05D	1D06D	1D07D	1D08D	1D09D	1D0AD	1D0BD	1D0CD	1D0DD	1D0ED	
E	♩	♪	♫	♩	♪	♫	♩	♪	♫	♩	♪	♫	♩	♪	♫
1D00E	1D01E	1D02E	1D03E	1D04E	1D05E	1D06E	1D07E	1D08E	1D09E	1D0AE	1D0BE	1D0CE	1D0DE	1D0EE	
F	♩	♪	♫	♩	♪	♫	♩	♪	♫	♩	♪	♫	♩	♪	♫
1D00F	1D01F	1D02F	1D03F	1D04F	1D05F	1D06F	1D07F	1D08F	1D09F	1D0AF	1D0BF	1D0CF	1D0DF	1D0EF	

**Prosodies (Prosodics)**

*These three characters are not actually attested in musical contexts.*

- 1D000 ↗ BYZANTINE MUSICAL SYMBOL PSILI  
 1D001 ↘ BYZANTINE MUSICAL SYMBOL DASEIA  
 1D002 ~ BYZANTINE MUSICAL SYMBOL PERISPOMENI

**Ekfonetika**

- 1D003 ↙ BYZANTINE MUSICAL SYMBOL OXEIA  
 EKFONITIKON  
 1D004 ↛ BYZANTINE MUSICAL SYMBOL OXEIA DIPLI  
 1D005 ↖ BYZANTINE MUSICAL SYMBOL VAREIA  
 EKFONITIKON  
 1D006 ↜ BYZANTINE MUSICAL SYMBOL VAREIA DIPLI  
 1D007 ↝ BYZANTINE MUSICAL SYMBOL KATHISTI  
 1D008 ~ BYZANTINE MUSICAL SYMBOL SYRMATIKI  
 1D009 ↤ BYZANTINE MUSICAL SYMBOL PARAKLITIKI  
 1D00A ↢ BYZANTINE MUSICAL SYMBOL YPOKRISIS  
 1D00B ↣ BYZANTINE MUSICAL SYMBOL YPOKRISIS DIPLI  
 1D00C ↥ BYZANTINE MUSICAL SYMBOL KREMASTI  
 1D00D ↦ BYZANTINE MUSICAL SYMBOL APESO  
 EKFONITIKON  
 1D00E ↧ BYZANTINE MUSICAL SYMBOL EXO  
 EKFONITIKON  
 1D00F ↨ BYZANTINE MUSICAL SYMBOL TELEIA  
 1D010 ↠ BYZANTINE MUSICAL SYMBOL KENTIMATA  
 1D011 ↢ BYZANTINE MUSICAL SYMBOL APOSTROFOS  
 1D012 ↛ BYZANTINE MUSICAL SYMBOL APOSTROFOS  
 DIPLI  
 1D013 ↤ BYZANTINE MUSICAL SYMBOL SYNEVMA  
 1D014 ↥ BYZANTINE MUSICAL SYMBOL THITA

**Melodimata (Melodics)**

- 1D015 ↡ BYZANTINE MUSICAL SYMBOL OLIGON  
 ARCHAION  
 1D016 ↢ BYZANTINE MUSICAL SYMBOL GORGON  
 ARCHAION  
 1D017 ↢ BYZANTINE MUSICAL SYMBOL PSILON  
 1D018 ↢ BYZANTINE MUSICAL SYMBOL CHAMILON  
 1D019 ↢ BYZANTINE MUSICAL SYMBOL VATHY  
 1D01A ↡ BYZANTINE MUSICAL SYMBOL ISON  
 ARCHAION  
 1D01B ↢ BYZANTINE MUSICAL SYMBOL KENTIMA  
 ARCHAION  
 1D01C ↢ BYZANTINE MUSICAL SYMBOL KENTIMATA  
 ARCHAION  
 1D01D ↠ BYZANTINE MUSICAL SYMBOL SAXIMATA  
 1D01E ↢ BYZANTINE MUSICAL SYMBOL PARICHON  
 1D01F ↢ BYZANTINE MUSICAL SYMBOL STAVROS  
 APODEXIA  
 1D020 ↢ BYZANTINE MUSICAL SYMBOL OXEIAI  
 ARCHAION  
 1D021 ↢ BYZANTINE MUSICAL SYMBOL VAREIAI  
 ARCHAION  
 1D022 ~ BYZANTINE MUSICAL SYMBOL APODERMA  
 ARCHAION  
 1D023 ↢ BYZANTINE MUSICAL SYMBOL APOTHEMA  
 1D024 ↢ BYZANTINE MUSICAL SYMBOL KLASMA  
 1D025 ↢ BYZANTINE MUSICAL SYMBOL REVMA  
 1D026 ↢ BYZANTINE MUSICAL SYMBOL PIASMA  
 ARCHAION  
 1D027 ↢ BYZANTINE MUSICAL SYMBOL TINAGMA  
 1D028 ↢ BYZANTINE MUSICAL SYMBOL ANATRICHISMA  
 1D029 ↢ BYZANTINE MUSICAL SYMBOL SEISMA

- 1D02A ↙ BYZANTINE MUSICAL SYMBOL SYNAGMA  
 ARCHAION  
 1D02B ↛ BYZANTINE MUSICAL SYMBOL SYNAGMA  
 META STAVROU  
 1D02C ↚ BYZANTINE MUSICAL SYMBOL OYRANISMA  
 ARCHAION  
 1D02D ↚ BYZANTINE MUSICAL SYMBOL THEMA  
 1D02E ↛ BYZANTINE MUSICAL SYMBOL LEMOI  
 1D02F ↛ BYZANTINE MUSICAL SYMBOL DYO  
 1D030 ↙ BYZANTINE MUSICAL SYMBOL TRIA  
 1D031 ↚ BYZANTINE MUSICAL SYMBOL TESSERA  
 1D032 ↛ BYZANTINE MUSICAL SYMBOL KRATIMATA  
 1D033 ↚ BYZANTINE MUSICAL SYMBOL APESO EXO  
 NEO  
 1D034 ↢ BYZANTINE MUSICAL SYMBOL FTHORA  
 ARCHAION  
 1D035 ↢ BYZANTINE MUSICAL SYMBOL IMIFTHORA  
 1D036 ↛ BYZANTINE MUSICAL SYMBOL TROMIKON  
 ARCHAION  
 1D037 ↛ BYZANTINE MUSICAL SYMBOL KATAVA  
 TROMIKON  
 1D038 ↛ BYZANTINE MUSICAL SYMBOL PELASTON  
 1D039 ↢ BYZANTINE MUSICAL SYMBOL PSIFISTON  
 1D03A ↢ BYZANTINE MUSICAL SYMBOL KONTEVMA  
 1D03B ↚ BYZANTINE MUSICAL SYMBOL CHOREVMA  
 ARCHAION  
 1D03C ↙ BYZANTINE MUSICAL SYMBOL RAPISMA  
 1D03D ↚ BYZANTINE MUSICAL SYMBOL PARAKALESMA  
 ARCHAION  
 1D03E ↚ BYZANTINE MUSICAL SYMBOL PARAKLITIKI  
 ARCHAION  
 1D03F ↚ BYZANTINE MUSICAL SYMBOL ICHADIN  
 1D040 ↙ BYZANTINE MUSICAL SYMBOL NANA  
 1D041 ↙ BYZANTINE MUSICAL SYMBOL PETASMA  
 1D042 ↗ BYZANTINE MUSICAL SYMBOL KONTEVMA  
 ALLO  
 1D043 ↚ BYZANTINE MUSICAL SYMBOL TROMIKON  
 ALLO  
 1D044 ↚ BYZANTINE MUSICAL SYMBOL STRAGGISMATA  
 1D045 ↚ BYZANTINE MUSICAL SYMBOL  
 GRONTHISMATA
- Fonitika (Vocals)**
- 1D046 ↙ BYZANTINE MUSICAL SYMBOL ISON NEO  
 1D047 ↙ BYZANTINE MUSICAL SYMBOL OLIGON NEO  
 1D048 ↙ BYZANTINE MUSICAL SYMBOL OXEIA NEO  
 1D049 ↙ BYZANTINE MUSICAL SYMBOL PETASTI  
 1D04A ↙ BYZANTINE MUSICAL SYMBOL KOUFISMA  
 1D04B ↙ BYZANTINE MUSICAL SYMBOL  
 PETASTOKOUFISMA  
 1D04C ↙ BYZANTINE MUSICAL SYMBOL  
 KRATIMOKOUFISMA  
 1D04D ↙ BYZANTINE MUSICAL SYMBOL PELASTON NEO  
 1D04E ↙ BYZANTINE MUSICAL SYMBOL KENTIMATA  
 NEO ANO  
 1D04F ↙ BYZANTINE MUSICAL SYMBOL KENTIMA NEO  
 ANO  
 1D050 ↙ BYZANTINE MUSICAL SYMBOL YPSILI  
 1D051 ↙ BYZANTINE MUSICAL SYMBOL APOSTROFOS  
 NEO  
 1D052 ↙ BYZANTINE MUSICAL SYMBOL APOSTROFOI  
 SYNDESMOS NEO  
 1D053 ↙ BYZANTINE MUSICAL SYMBOL YPORROI  
 1D054 ↙ BYZANTINE MUSICAL SYMBOL  
 KRATIMOYPORROON

1D055 BYZANTINE MUSICAL SYMBOL ELAFRON

1D056 BYZANTINE MUSICAL SYMBOL CHAMILI

**Afona or Ypostaseis (Mutes or Hypostases)**

1D057 BYZANTINE MUSICAL SYMBOL MIKRON ISON

1D058 BYZANTINE MUSICAL SYMBOL VAREIA NEO

1D059 BYZANTINE MUSICAL SYMBOL PIASMA NEO

1D05A BYZANTINE MUSICAL SYMBOL PSIFISTON NEO

1D05B BYZANTINE MUSICAL SYMBOL OMALON

1D05C BYZANTINE MUSICAL SYMBOL ANTIKENOMA

1D05D BYZANTINE MUSICAL SYMBOL LYGISMA

1D05E BYZANTINE MUSICAL SYMBOL PARAKLITIKI NEO

1D05F BYZANTINE MUSICAL SYMBOL PARAKALESMA NEO

1D060 BYZANTINE MUSICAL SYMBOL ETERON PARAKALESMA

1D061 BYZANTINE MUSICAL SYMBOL KYLISMA

1D062 BYZANTINE MUSICAL SYMBOL ANTIKENOKYLISMA

1D063 BYZANTINE MUSICAL SYMBOL TROMIKON NEO

1D064 BYZANTINE MUSICAL SYMBOL EKSTREPTON

1D065 BYZANTINE MUSICAL SYMBOL SYNAGMA NEO

1D066 BYZANTINE MUSICAL SYMBOL SYRMA

1D067 BYZANTINE MUSICAL SYMBOL CHOREVMA NEO

1D068 BYZANTINE MUSICAL SYMBOL EPEGERMA

1D069 BYZANTINE MUSICAL SYMBOL SEISMA NEO

1D06A BYZANTINE MUSICAL SYMBOL XIRON KLASMA

1D06B BYZANTINE MUSICAL SYMBOL TROMIKOPSIFISTON

1D06C BYZANTINE MUSICAL SYMBOL PSIFISTOLYGisma

1D06D BYZANTINE MUSICAL SYMBOL TROMIKOLYGisma

1D06E BYZANTINE MUSICAL SYMBOL TROMIKOPARAKALESMA

1D06F BYZANTINE MUSICAL SYMBOL PSIFISTOPARAKALESMA

1D070 BYZANTINE MUSICAL SYMBOL TROMIKOSYNAGMA

1D071 BYZANTINE MUSICAL SYMBOL PSIFISTOSYNAGMA

1D072 BYZANTINE MUSICAL SYMBOL GORGOSYNTHETON

1D073 BYZANTINE MUSICAL SYMBOL ARGOSYNTHETON

1D074 BYZANTINE MUSICAL SYMBOL ETERON ARGOSYNTHETON

1D075 BYZANTINE MUSICAL SYMBOL OYRANISMA NEO

1D076 BYZANTINE MUSICAL SYMBOL THEMATISMOS ESO

1D077 BYZANTINE MUSICAL SYMBOL THEMATISMOS EXO

1D078 BYZANTINE MUSICAL SYMBOL THEMA APLOUN

1D079 BYZANTINE MUSICAL SYMBOL THES KAI APOTHES

1D07A BYZANTINE MUSICAL SYMBOL KATAVASMA

1D07B BYZANTINE MUSICAL SYMBOL ENDOFONON

1D07C BYZANTINE MUSICAL SYMBOL YFEN KATO

1D07D BYZANTINE MUSICAL SYMBOL YFEN ANO

1D07E BYZANTINE MUSICAL SYMBOL STAVROS

**Argies (Retards)**

1D07F BYZANTINE MUSICAL SYMBOL KLASMA ANO

1D080 BYZANTINE MUSICAL SYMBOL DIPLI ARCHAION

1D081 BYZANTINE MUSICAL SYMBOL KRATIMA ARCHAION

1D082 BYZANTINE MUSICAL SYMBOL KRATIMA ALLO

1D083 BYZANTINE MUSICAL SYMBOL KRATIMA NEO

1D084 BYZANTINE MUSICAL SYMBOL APODERMA NEO

1D085 BYZANTINE MUSICAL SYMBOL APLI

1D086 BYZANTINE MUSICAL SYMBOL DIPLI

1D087 BYZANTINE MUSICAL SYMBOL TRIPLO

1D088 BYZANTINE MUSICAL SYMBOL TETRAPLO

1D089 BYZANTINE MUSICAL SYMBOL KORONIS

**Leimmata or Siopes (Leimmas or Silencers)**

1D08A BYZANTINE MUSICAL SYMBOL LEIMMA ENOS CHRONOU

1D08B BYZANTINE MUSICAL SYMBOL LEIMMA DYO CHRONON

1D08C BYZANTINE MUSICAL SYMBOL LEIMMA TRION CHRONON

1D08D BYZANTINE MUSICAL SYMBOL LEIMMA TESSARON CHRONON

1D08E BYZANTINE MUSICAL SYMBOL LEIMMA IMISEOS CHRONOU

**Synagmata or Gorgotites (Synagmas or Quickeners)**

1D08F BYZANTINE MUSICAL SYMBOL GORGON NEO ANO

1D090 BYZANTINE MUSICAL SYMBOL GORGON PARESTIGMENON ARISTERA

1D091 BYZANTINE MUSICAL SYMBOL GORGON PARESTIGMENON DEXIA

1D092 BYZANTINE MUSICAL SYMBOL DIGORGON

1D093 BYZANTINE MUSICAL SYMBOL DIGORGON PARESTIGMENON ARISTERA KATO

1D094 BYZANTINE MUSICAL SYMBOL DIGORGON PARESTIGMENON ARISTERA ANO

1D095 BYZANTINE MUSICAL SYMBOL DIGORGON PARESTIGMENON DEXIA

1D096 BYZANTINE MUSICAL SYMBOL TRIGORGON

1D097 BYZANTINE MUSICAL SYMBOL ARGON

1D098 BYZANTINE MUSICAL SYMBOL IMIDIARGON

1D099 BYZANTINE MUSICAL SYMBOL DIARGON

• called diargon by some authorities

1D099 BYZANTINE MUSICAL SYMBOL DIARGON

• called triargon by some authorities

**Agogika (Conduits)***Glyphs shown for conduits reflect Greek practice, with chi as the base letter; different national traditions use glyphs with different base letters.*

1D09A BYZANTINE MUSICAL SYMBOL AGOGI POLI ARGI

1D09B BYZANTINE MUSICAL SYMBOL AGOGI ARGOTERI

1D09C BYZANTINE MUSICAL SYMBOL AGOGI ARGII

1D09D BYZANTINE MUSICAL SYMBOL AGOGI METRIA

1D09E BYZANTINE MUSICAL SYMBOL AGOGI MESI

1D09F BYZANTINE MUSICAL SYMBOL AGOGI GORGII

1D0A0 BYZANTINE MUSICAL SYMBOL AGOGI GORGOTERI

1D0A1 BYZANTINE MUSICAL SYMBOL AGOGI POLI GORGII

**Ichimata and Martyrika (Ichimas and Evidentials)**

1D0A2	BYZANTINE MUSICAL SYMBOL MARTYRIA PROTOS ICHOS
1D0A3	BYZANTINE MUSICAL SYMBOL MARTYRIA ALLI PROTOS ICHOS
1D0A4	BYZANTINE MUSICAL SYMBOL MARTYRIA DEYTEROS ICHOS
1D0A5	BYZANTINE MUSICAL SYMBOL MARTYRIA ALLI DEYTEROS ICHOS
1D0A6	BYZANTINE MUSICAL SYMBOL MARTYRIA TRITOS ICHOS
1D0A7	BYZANTINE MUSICAL SYMBOL MARTYRIA TRIFONIAS
1D0A8	BYZANTINE MUSICAL SYMBOL MARTYRIA TETARTOS ICHOS
1D0A9	BYZANTINE MUSICAL SYMBOL MARTYRIA TETARTOS LEGETOS ICHOS
1D0AA	BYZANTINE MUSICAL SYMBOL MARTYRIA LEGETOS ICHOS
1D0AB	BYZANTINE MUSICAL SYMBOL MARTYRIA PLAGIOS ICHOS
1D0AC	BYZANTINE MUSICAL SYMBOL ISAKIA TELOUS ICHIMATOS
1D0AD	BYZANTINE MUSICAL SYMBOL APOSTROFOI TELOUS ICHIMATOS
1D0AE	BYZANTINE MUSICAL SYMBOL FANEROSIS TETRAFONIAS
1D0AF	BYZANTINE MUSICAL SYMBOL FANEROSIS MONOFONIAS
1D0B0	BYZANTINE MUSICAL SYMBOL FANEROSIS DIFONIAS
1D0B1	BYZANTINE MUSICAL SYMBOL MARTYRIA VARYS ICHOS
1D0B2	BYZANTINE MUSICAL SYMBOL MARTYRIA PROTOVARYS ICHOS
1D0B3	BYZANTINE MUSICAL SYMBOL MARTYRIA PLAGIOS TETARTOS ICHOS
1D0B4	BYZANTINE MUSICAL SYMBOL GORTHMIKON N APLOUN • used in intonation formulas instead of nu, before phonemes a, i, o, u → 03BD ν greek small letter nu
1D0B5	BYZANTINE MUSICAL SYMBOL GORTHMIKON N DIPLOUN • used in intonation formulas instead of nu, before phoneme e → 03BD ν greek small letter nu

**Fthores (Destroyers)**

1D0B6	BYZANTINE MUSICAL SYMBOL ENARXIS KAI FTHORA VOU
1D0B7	BYZANTINE MUSICAL SYMBOL IMIFONON
1D0B8	BYZANTINE MUSICAL SYMBOL IMIFTHONON
1D0B9	BYZANTINE MUSICAL SYMBOL FTHORA ARCHAION DEYTEROU ICHOU
1D0BA	BYZANTINE MUSICAL SYMBOL FTHORA DIATONIKI PA
1D0BB	BYZANTINE MUSICAL SYMBOL FTHORA DIATONIKI NANA
1D0BC	BYZANTINE MUSICAL SYMBOL FTHORA NAOS ICHOS
1D0BD	BYZANTINE MUSICAL SYMBOL FTHORA DIATONIKI DI
1D0BE	BYZANTINE MUSICAL SYMBOL FTHORA SKLIRON DIATONON DI

1D0BF	BYZANTINE MUSICAL SYMBOL FTHORA DIATONIKI KE
1D0C0	BYZANTINE MUSICAL SYMBOL FTHORA DIATONIKI ZO
1D0C1	BYZANTINE MUSICAL SYMBOL FTHORA DIATONIKI NI KATO
1D0C2	BYZANTINE MUSICAL SYMBOL FTHORA DIATONIKI NI ANO
1D0C3	BYZANTINE MUSICAL SYMBOL FTHORA MALAKON CHROMA DIFONIAS
1D0C4	BYZANTINE MUSICAL SYMBOL FTHORA MALAKON CHROMA MONOFONIAS
1D0C5	BYZANTINE MUSICAL SYMBOL FHTORA SKLIRON CHROMA VASIS ✖ BYZANTINE MUSICAL SYMBOL FTHORA SKLIRON CHROMA VASIS

• misspelling of "FTHORA" in character name is a known defect

1D0C6	BYZANTINE MUSICAL SYMBOL FTHORA SKLIRON CHROMA SYNAFI
1D0C7	BYZANTINE MUSICAL SYMBOL FTHORA NENANO
1D0C8	BYZANTINE MUSICAL SYMBOL CHROA ZYGOS
1D0C9	BYZANTINE MUSICAL SYMBOL CHROA KLITON
1D0CA	BYZANTINE MUSICAL SYMBOL CHROA SPATHI

**Alloioseis (Differentiators)**

1D0CB	BYZANTINE MUSICAL SYMBOL FTHORA I YFESIS TETARTIMORION
1D0CC	BYZANTINE MUSICAL SYMBOL FTHORA ENARMONIOS ANTIFONIA
1D0CD	BYZANTINE MUSICAL SYMBOL YFESIS TRITIMORION
1D0CE	BYZANTINE MUSICAL SYMBOL DIESIS TRITIMORION
1D0CF	BYZANTINE MUSICAL SYMBOL DIESIS TETARTIMORION
1D0D0	BYZANTINE MUSICAL SYMBOL DIESIS APLI DYO DODEKATA
1D0D1	BYZANTINE MUSICAL SYMBOL DIESIS MONOGRAMMOS TESSERA DODEKATA
1D0D2	BYZANTINE MUSICAL SYMBOL DIESIS DIGRAMMOS EX DODEKATA
1D0D3	BYZANTINE MUSICAL SYMBOL DIESIS TRIGRAMMOS OKTO DODEKATA
1D0D4	BYZANTINE MUSICAL SYMBOL YFESIS APLI DYO DODEKATA
1D0D5	BYZANTINE MUSICAL SYMBOL YFESIS MONOGRAMMOS TESSERA DODEKATA
1D0D6	BYZANTINE MUSICAL SYMBOL YFESIS DIGRAMMOS EX DODEKATA
1D0D7	BYZANTINE MUSICAL SYMBOL YFESIS TRIGRAMMOS OKTO DODEKATA
1D0D8	BYZANTINE MUSICAL SYMBOL GENIKI DIESIS
1D0D9	BYZANTINE MUSICAL SYMBOL GENIKI YFESIS

**Rythmika (Rhythms)**

1D0DA	BYZANTINE MUSICAL SYMBOL DIASTOLI APLI MIKRI → 1D105   musical symbol short barline
1D0DB	BYZANTINE MUSICAL SYMBOL DIASTOLI APLI MEGALI → 1D100   musical symbol single barline
1D0DC	BYZANTINE MUSICAL SYMBOL DIASTOLI DIPLI
1D0DD	BYZANTINE MUSICAL SYMBOL DIASTOLI THESEOS

1D0DE	BYZANTINE MUSICAL SYMBOL SIMANSIS THESEOS
1D0DF	BYZANTINE MUSICAL SYMBOL SIMANSIS THESEOS DISIMOU
1D0E0	BYZANTINE MUSICAL SYMBOL SIMANSIS THESEOS TRISIMOU
1D0E1	BYZANTINE MUSICAL SYMBOL SIMANSIS THESEOS TETRASIMOU
1D0E2	BYZANTINE MUSICAL SYMBOL SIMANSIS ARSEOS
1D0E3	BYZANTINE MUSICAL SYMBOL SIMANSIS ARSEOS DISIMOU
1D0E4	BYZANTINE MUSICAL SYMBOL SIMANSIS ARSEOS TRISIMOU
1D0E5	BYZANTINE MUSICAL SYMBOL SIMANSIS ARSEOS TETRASIMOU

**Grammata (Letters)**

*The first three characters are not actually attested in musical contexts.*

1D0E6	BYZANTINE MUSICAL SYMBOL DIGRAMMA GG
1D0E7	BYZANTINE MUSICAL SYMBOL DIFTOGGOS OU → 0223 8 latin small letter ou
1D0E8	BYZANTINE MUSICAL SYMBOL STIGMA → 03DB ζ greek small letter stigma
1D0E9	BYZANTINE MUSICAL SYMBOL ARKTIKO PA
1D0EA	BYZANTINE MUSICAL SYMBOL ARKTIKO VOU
1D0EB	BYZANTINE MUSICAL SYMBOL ARKTIKO GA
1D0EC	BYZANTINE MUSICAL SYMBOL ARKTIKO DI
1D0ED	BYZANTINE MUSICAL SYMBOL ARKTIKO KE
1D0EE	BYZANTINE MUSICAL SYMBOL ARKTIKO ZO
1D0EF	BYZANTINE MUSICAL SYMBOL ARKTIKO NI

**Specials**

1D0F0	BYZANTINE MUSICAL SYMBOL KENTIMATA NEO MESO
1D0F1	BYZANTINE MUSICAL SYMBOL KENTIMA NEO MESO
1D0F2	BYZANTINE MUSICAL SYMBOL KENTIMATA NEO KATO
1D0F3	BYZANTINE MUSICAL SYMBOL KENTIMA NEO KATO
1D0F4	BYZANTINE MUSICAL SYMBOL KLASMA KATO
1D0F5	BYZANTINE MUSICAL SYMBOL GORGON NEO KATO

1D100

## Musical Symbols

1D1FF

	1D10	1D11	1D12	1D13	1D14	1D15	1D16	1D17	1D18	1D19	1D1A	1D1B	1D1C	1D1D	1D1E	1D1F
0		♪	♩	#	♪	♩	♪	♩	♩	m		—	♪	♩	♩	
1		♪	♩	#	♪	♩	♪	♩	♩	f	♪	—	—	—	—	
2		,	♩	#	♪	♩	♪	♩	♩	—	—	c	—		—	
3		//	♩	#	x	—	♪	—	—	—	—	—	—	—	—	
4	—	{	♩	c	+	▼	♪	—	—	—	—	—	—	—	—	
5		{	♩	c	⊗	•	—	—	—	—	—	—	—	—	—	
6	:	—		c	—	—	—	—	—	—	—	—	—	—	—	
7	:	—		8 <sup>va</sup>	—	( )	—	—	—	tr	H	—	—	—	—	
8	:	—		8 <sup>vb</sup>	—	—	—	—	—	—	—	—	—	—	—	
9	D.S.	—	—	15 <sup>ma</sup>	△	●	—	—	—	—	—	—	—	—	—	
A	—	—	—	15 <sup>mb</sup>	▲	■	—	—	—	—	—	—	—	—	—	
B	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
C	Φ	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
D	/	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
E	✗	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
F	//	—	—	—	—	—	—	—	—	—	—	—	—	—	—	



1D14E

## Musical Symbols

1D19C

- 1D14E MUSICAL SYMBOL TRIANGLE NOTEHEAD DOWN WHITE  
 1D14F MUSICAL SYMBOL TRIANGLE NOTEHEAD DOWN BLACK  
 1D150 MUSICAL SYMBOL TRIANGLE NOTEHEAD UP RIGHT WHITE  
 1D151 MUSICAL SYMBOL TRIANGLE NOTEHEAD UP RIGHT BLACK  
 1D152 MUSICAL SYMBOL MOON NOTEHEAD WHITE  
 1D153 MUSICAL SYMBOL MOON NOTEHEAD BLACK  
 1D154 MUSICAL SYMBOL TRIANGLE-ROUND NOTEHEAD DOWN WHITE  
 1D155 MUSICAL SYMBOL TRIANGLE-ROUND NOTEHEAD DOWN BLACK  
 1D156 MUSICAL SYMBOL PARENTHESIS NOTEHEAD  
 1D157 MUSICAL SYMBOL VOID NOTEHEAD  
 1D158 MUSICAL SYMBOL NOTEHEAD BLACK  
 1D159 MUSICAL SYMBOL NULL NOTEHEAD  
 1D15A MUSICAL SYMBOL CLUSTER NOTEHEAD WHITE  
 1D15B MUSICAL SYMBOL CLUSTER NOTEHEAD BLACK

**Notes**

- 1D15C MUSICAL SYMBOL BREVE  
 1D15D MUSICAL SYMBOL WHOLE NOTE  
 = semibreve  
 1D15E MUSICAL SYMBOL HALF NOTE  
 = minim  
 ≡ 1D157 1D165  
 1D15F MUSICAL SYMBOL QUARTER NOTE  
 = crotchet  
 → 2669 quarter note  
 ≡ 1D158 1D165  
 1D160 MUSICAL SYMBOL EIGHTH NOTE  
 = quaver  
 → 266A eighth note  
 ≡ 1D15F 1D16E  
 1D161 MUSICAL SYMBOL SIXTEENTH NOTE  
 = semiquaver  
 ≡ 1D15F 1D16F  
 1D162 MUSICAL SYMBOL THIRTY-SECOND NOTE  
 = demisemiquaver  
 ≡ 1D15F 1D170  
 1D163 MUSICAL SYMBOL SIXTY-FOURTH NOTE  
 = hemidemisemiquaver, semidemisemiquaver  
 ≡ 1D15F 1D171  
 1D164 MUSICAL SYMBOL ONE HUNDRED TWENTY-EIGHTH NOTE  
 = semihemidemisemiquaver, quasihemidemisemiquaver  
 ≡ 1D15F 1D172

**Stems**

- 1D165 MUSICAL SYMBOL COMBINING STEM  
 1D166 MUSICAL SYMBOL COMBINING SPRECHGESANG STEM

**Tremolos**

- 1D167 MUSICAL SYMBOL COMBINING TREMOLO-1  
 1D168 MUSICAL SYMBOL COMBINING TREMOLO-2  
 1D169 MUSICAL SYMBOL COMBINING TREMOLO-3  
 1D16A MUSICAL SYMBOL FINGERED TREMOLO-1  
 1D16B MUSICAL SYMBOL FINGERED TREMOLO-2  
 1D16C MUSICAL SYMBOL FINGERED TREMOLO-3

**Augmentation dot**

- 1D16D MUSICAL SYMBOL COMBINING AUGMENTATION DOT

**Flags**

- 1D16E MUSICAL SYMBOL COMBINING FLAG-1  
 1D16F MUSICAL SYMBOL COMBINING FLAG-2  
 1D170 MUSICAL SYMBOL COMBINING FLAG-3  
 1D171 MUSICAL SYMBOL COMBINING FLAG-4  
 1D172 MUSICAL SYMBOL COMBINING FLAG-5

**Beams and slurs**

- 1D173 MUSICAL SYMBOL BEGIN BEAM  
 1D174 MUSICAL SYMBOL END BEAM  
 1D175 MUSICAL SYMBOL BEGIN TIE  
 1D176 MUSICAL SYMBOL END TIE  
 1D177 MUSICAL SYMBOL BEGIN SLUR  
 1D178 MUSICAL SYMBOL END SLUR  
 1D179 MUSICAL SYMBOL BEGIN PHRASE  
 1D17A MUSICAL SYMBOL END PHRASE

**Articulation**

- 1D17B MUSICAL SYMBOL COMBINING ACCENT  
 1D17C MUSICAL SYMBOL COMBINING STACCATO  
 1D17D MUSICAL SYMBOL COMBINING TENUTO  
 1D17E MUSICAL SYMBOL COMBINING STACCATISSIMO  
 1D17F MUSICAL SYMBOL COMBINING MARCATO  
 1D180 MUSICAL SYMBOL COMBINING MARCATO-STACCATO  
 1D181 MUSICAL SYMBOL COMBINING ACCENT-STACCATO  
 1D182 MUSICAL SYMBOL COMBINING LOURE  
 1D183 MUSICAL SYMBOL ARPEGGIATO UP  
 1D184 MUSICAL SYMBOL ARPEGGIATO DOWN  
 1D185 MUSICAL SYMBOL COMBINING DOIT  
 1D186 MUSICAL SYMBOL COMBINING RIP  
 1D187 MUSICAL SYMBOL COMBINING FLIP  
 1D188 MUSICAL SYMBOL COMBINING SMEAR  
 1D189 MUSICAL SYMBOL COMBINING BEND  
 1D18A MUSICAL SYMBOL COMBINING DOUBLE TONGUE  
 1D18B MUSICAL SYMBOL COMBINING TRIPLE TONGUE  
 1D18C MUSICAL SYMBOL RINFORZANDO  
 1D18D MUSICAL SYMBOL SUBITO  
 1D18E MUSICAL SYMBOL Z

**Dynamics**

- 1D18F MUSICAL SYMBOL PIANO  
 1D190 MUSICAL SYMBOL MEZZO  
 1D191 MUSICAL SYMBOL FORTE  
 1D192 MUSICAL SYMBOL CRESCENDO  
 1D193 MUSICAL SYMBOL DECRESENDO

**Ornaments**

- 1D194 MUSICAL SYMBOL GRACE NOTE SLASH  
 1D195 MUSICAL SYMBOL GRACE NOTE NO SLASH  
 1D196 MUSICAL SYMBOL TR  
 1D197 MUSICAL SYMBOL TURN  
 1D198 MUSICAL SYMBOL INVERTED TURN  
 1D199 MUSICAL SYMBOL TURN SLASH  
 1D19A MUSICAL SYMBOL TURN UP  
 1D19B MUSICAL SYMBOL ORNAMENT STROKE-1  
 1D19C MUSICAL SYMBOL ORNAMENT STROKE-2

- 1D19D ⌈ MUSICAL SYMBOL ORNAMENT STROKE-3  
 1D19E ⌉ MUSICAL SYMBOL ORNAMENT STROKE-4  
 1D19F ⌋ MUSICAL SYMBOL ORNAMENT STROKE-5  
 1D1A0 ⌊ MUSICAL SYMBOL ORNAMENT STROKE-6  
 1D1A1 ⌈ MUSICAL SYMBOL ORNAMENT STROKE-7  
 1D1A2 ⌉ MUSICAL SYMBOL ORNAMENT STROKE-8  
 1D1A3 ⌋ MUSICAL SYMBOL ORNAMENT STROKE-9  
 1D1A4 ⌊ MUSICAL SYMBOL ORNAMENT STROKE-10  
 1D1A5 ⌈ MUSICAL SYMBOL ORNAMENT STROKE-11

**Analytics**

- 1D1A6 ⌍ MUSICAL SYMBOL HAUPTSTIMME  
 1D1A7 ⌎ MUSICAL SYMBOL NEBENSTIMME  
 1D1A8 ⌏ MUSICAL SYMBOL END OF STIMME  
 1D1A9 ⌐ MUSICAL SYMBOL DEGREE SLASH

**Instrumentation**

- 1D1AA ⌈ MUSICAL SYMBOL COMBINING DOWN BOW  
 1D1AB ⌉ MUSICAL SYMBOL COMBINING UP BOW  
 1D1AC ⌋ MUSICAL SYMBOL COMBINING HARMONIC  
 1D1AD ⌈ MUSICAL SYMBOL COMBINING SNAP PIZZICATO

**Pedals**

- 1D1AE ⌈ MUSICAL SYMBOL PEDAL MARK  
 1D1AF ⌉ MUSICAL SYMBOL PEDAL UP MARK  
 1D1B0 ⌈ MUSICAL SYMBOL HALF PEDAL MARK

**Miscellaneous symbols**

- 1D1B1 ⌈ MUSICAL SYMBOL GLISSANDO UP  
 1D1B2 ⌉ MUSICAL SYMBOL GLISSANDO DOWN  
 1D1B3 ⌈ MUSICAL SYMBOL WITH FINGERNAILS  
 1D1B4 ⌉ MUSICAL SYMBOL DAMP  
 1D1B5 ⌈ MUSICAL SYMBOL DAMP ALL

**Mensural notation**

- 1D1B6 ⌈ MUSICAL SYMBOL MAXIMA  
 1D1B7 ⌈ MUSICAL SYMBOL LONGA  
 1D1B8 ⌈ MUSICAL SYMBOL BREVIS  
 1D1B9 ⌈ MUSICAL SYMBOL SEMIBREVIS WHITE  
 1D1BA ⌈ MUSICAL SYMBOL SEMIBREVIS BLACK  
 1D1BB ⌈ MUSICAL SYMBOL MINIMA  
 $\equiv 1D1B9 \cdot 1D165$  ⌈ MUSICAL SYMBOL MINIMA BLACK  
 $\equiv 1D1BA \cdot 1D165$  ⌈ MUSICAL SYMBOL SEMIMINIMA WHITE  
 $\equiv 1D1BB \cdot 1D16E$  ⌈ MUSICAL SYMBOL SEMIMINIMA BLACK  
 1D1BC ⌈ MUSICAL SYMBOL FUSA WHITE  
 $\equiv 1D1BC \cdot 1D16F$  ⌈ MUSICAL SYMBOL FUSA BLACK  
 $\equiv 1D1BC \cdot 1D16F$  ⌈ MUSICAL SYMBOL FUSA BLACK

**Mensural rests**

- 1D1C1 ⌈ MUSICAL SYMBOL LONGA PERFECTA REST  
 1D1C2 ⌈ MUSICAL SYMBOL LONGA IMPERFECTA REST  
 1D1C3 ⌈ MUSICAL SYMBOL BREVIS REST  
 1D1C4 ⌈ MUSICAL SYMBOL SEMIBREVIS REST  
 1D1C5 ⌈ MUSICAL SYMBOL MINIMA REST  
 1D1C6 ⌈ MUSICAL SYMBOL SEMIMINIMA REST

**Mensural prolations**

- 1D1C7 ⌈ MUSICAL SYMBOL TEMPUS PERFECTUM CUM PROLATIONE PERFECTA

- 1D1C8 ⌈ MUSICAL SYMBOL TEMPUS PERFECTUM CUM PROLATIONE IMPERFECTA  
 1D1C9 ⌉ MUSICAL SYMBOL TEMPUS PERFECTUM CUM PROLATIONE PERFECTA DIMINUTION-1  
 1D1CA ⌋ MUSICAL SYMBOL TEMPUS IMPERFECTUM CUM PROLATIONE PERFECTA  
 1D1CB ⌋ MUSICAL SYMBOL TEMPUS IMPERFECTUM CUM PROLATIONE IMPERFECTA  
 1D1CC ⌈ MUSICAL SYMBOL TEMPUS IMPERFECTUM CUM PROLATIONE IMPERFECTA DIMINUTION-1  
 1D1CD ⌉ MUSICAL SYMBOL TEMPUS IMPERFECTUM CUM PROLATIONE IMPERFECTA DIMINUTION-2  
 1D1CE ⌋ MUSICAL SYMBOL TEMPUS IMPERFECTUM CUM PROLATIONE IMPERFECTA DIMINUTION-3

**Miscellaneous symbol**

- 1D1CF ⌈ MUSICAL SYMBOL CROIX

**Gregorian notation**

- 1D1D0 ⌈ MUSICAL SYMBOL GREGORIAN C CLEF  
 1D1D1 ⌉ MUSICAL SYMBOL GREGORIAN F CLEF  
 1D1D2 ⌈ MUSICAL SYMBOL SQUARE B  
 1D1D3 ⌉ MUSICAL SYMBOL VIRGA  
 1D1D4 ⌈ MUSICAL SYMBOL PODATUS  
 1D1D5 ⌈ MUSICAL SYMBOL CLIVIS  
 1D1D6 ⌈ MUSICAL SYMBOL SCANDICUS  
 1D1D7 ⌈ MUSICAL SYMBOL CLIMACUS  
 1D1D8 ⌈ MUSICAL SYMBOL TORCULUS  
 1D1D9 ⌈ MUSICAL SYMBOL PORRECTUS  
 1D1DA ⌈ MUSICAL SYMBOL PORRECTUS FLEXUS  
 1D1DB ⌈ MUSICAL SYMBOL SCANDICUS FLEXUS  
 1D1DC ⌈ MUSICAL SYMBOL TORCULUS RESUPINUS  
 1D1DD ⌈ MUSICAL SYMBOL PES SUBPUNCTIS

**Clef**

- 1D1DE ⌈ MUSICAL SYMBOL KIEVAN C CLEF  
 $\bullet$  Tsefaut (do or fa) clef

**Ornamentation**

- 1D1DF ⌈ MUSICAL SYMBOL KIEVAN END OF PIECE

**Notes**

- 1D1E0 ⌈ MUSICAL SYMBOL KIEVAN FINAL NOTE  
 $\bullet$  nominal note located between the two rectangles  
 1D1E1 ⌈ MUSICAL SYMBOL KIEVAN RECITATIVE MARK  
 $\bullet$  nominal note located between the two rectangles  
 1D1E2 ⌈ MUSICAL SYMBOL KIEVAN WHOLE NOTE  
 $\bullet$  nominal note located between the two diamonds  
 1D1E3 ⌈ MUSICAL SYMBOL KIEVAN HALF NOTE  
 1D1E4 ⌈ MUSICAL SYMBOL KIEVAN QUARTER NOTE STEM DOWN  
 1D1E5 ⌈ MUSICAL SYMBOL KIEVAN QUARTER NOTE STEM UP  
 1D1E6 ⌈ MUSICAL SYMBOL KIEVAN EIGHTH NOTE STEM DOWN  
 $\bullet$  nominal note located on the top diamond.  
 1D1E7 ⌈ MUSICAL SYMBOL KIEVAN EIGHTH NOTE STEM UP

**Accidental**

- 1D1E8 ⌈ MUSICAL SYMBOL KIEVAN FLAT SIGN

	1D20	1D21	1D22	1D23	1D24
0	Ϙ	ϙ	ϟ	ϟ	ϟ
	1D200	1D210	1D220	1D230	1D240
1	ϙ	ϙ	ϙ	ϙ	ϙ
	1D201	1D211	1D221	1D231	1D241
2	ϟ	ϟ	ϟ	ϟ	ϟ
	1D202	1D212	1D222	1D232	1D242
3	ϙ	ϙ	ϙ	ϙ	ϙ
	1D203	1D213	1D223	1D233	1D243
4	ϟ	ϟ	ϟ	ϟ	ϟ
	1D204	1D214	1D224	1D234	1D244
5	ϙ	ϙ	ϙ	ϙ	ϙ
	1D205	1D215	1D225	1D235	1D245
6	Ϙ	ϙ	ϟ	ϟ	
	1D206	1D216	1D226	1D236	
7	ϙ	ϙ	ϙ	ϙ	
	1D207	1D217	1D227	1D237	
8	ϙ	ϙ	ϙ	ϙ	
	1D208	1D218	1D228	1D238	
9	ϙ	ϙ	ϙ	ϙ	
	1D209	1D219	1D229	1D239	
A	Ϙ	ϙ	ϟ	ϟ	
	1D20A	1D21A	1D22A	1D23A	
B	Ϙ	ϙ	ϟ	ϟ	
	1D20B	1D21B	1D22B	1D23B	
C	Ϙ	ϙ	ϟ	ϟ	
	1D20C	1D21C	1D22C	1D23C	
D	Ϙ	ϙ	ϟ	ϟ	
	1D20D	1D21D	1D22D	1D23D	
E	Ϙ	ϙ	ϟ	ϟ	
	1D20E	1D21E	1D22E	1D23E	
F	Ϙ	ϙ	ϟ	ϟ	
	1D20F	1D21F	1D22F	1D23F	

**Ancient Greek vocalic notation**

*In a few instances vocalic and instrumental symbols have been unified with each other. In other instances they have been unified with regular Greek letters.*

- 1D200 Ⓛ GREEK VOCAL NOTATION SYMBOL-1  
• vocal E
- 1D201 Ⓜ GREEK VOCAL NOTATION SYMBOL-2  
• vocal first sharp of E
- 1D202 Ⓝ GREEK VOCAL NOTATION SYMBOL-3  
= Greek instrumental notation symbol-3  
• vocal or instrumental second sharp of E
- 1D203 Ⓞ GREEK VOCAL NOTATION SYMBOL-4  
• vocal F
- 1D204 Ⓟ GREEK VOCAL NOTATION SYMBOL-5  
• vocal first sharp of F
- 1D205 Ⓠ GREEK VOCAL NOTATION SYMBOL-6  
= Greek instrumental notation symbol-21  
• vocal second sharp of F  
• instrumental second sharp of d
- 1D206 Ⓡ GREEK VOCAL NOTATION SYMBOL-7  
= Greek instrumental notation symbol-9  
• vocal G  
• instrumental second sharp of G
- 1D207 Ⓢ GREEK VOCAL NOTATION SYMBOL-8  
• vocal first sharp of G
- 1D208 Ⓣ GREEK VOCAL NOTATION SYMBOL-9  
= Greek instrumental notation symbol-44  
• vocal second sharp of G  
• instrumental first sharp of e'
- 1D209 Ⓤ GREEK VOCAL NOTATION SYMBOL-10  
• vocal A  
• this is a modification of 039F Ο and is therefore not the same as 03D8 Ο
- 1D20A Ⓥ GREEK VOCAL NOTATION SYMBOL-11  
• vocal first sharp of A
- 1D20B Ⓦ GREEK VOCAL NOTATION SYMBOL-12  
• vocal second sharp of A
- 1D20C Ⓧ GREEK VOCAL NOTATION SYMBOL-13  
• vocal B
- 1D20D Ⓨ GREEK VOCAL NOTATION SYMBOL-14  
= Greek instrumental notation symbol-41  
• vocal first sharp of B  
• instrumental first sharp of d'  
→ 0056 V latin capital letter v
- 1D20E Ⓩ GREEK VOCAL NOTATION SYMBOL-15  
= Greek instrumental notation symbol-35  
• vocal second sharp of B  
• instrumental first sharp of b
- 1D20F ⓐ GREEK VOCAL NOTATION SYMBOL-16  
• vocal c  
• unlike 1D23B ⓑ this character has a glyph variant that looks like a horizontal line
- 1D210 ⓑ GREEK VOCAL NOTATION SYMBOL-17  
• vocal first sharp of c
- 1D211 ⓒ GREEK VOCAL NOTATION SYMBOL-18  
= Greek instrumental notation symbol-15  
• vocal second sharp of c  
• instrumental second sharp of B
- 1D212 ⓓ GREEK VOCAL NOTATION SYMBOL-19  
• vocal d

**1D213 F GREEK VOCAL NOTATION SYMBOL-20**

= Greek instrumental notation symbol-28  
• vocal first sharp of d  
• instrumental g  
• this is a modification of 0395 E and is therefore not the same as 0046 F

**1D214 ⓔ GREEK VOCAL NOTATION SYMBOL-21**

• vocal second sharp of d

**1D215 ⓕ GREEK VOCAL NOTATION SYMBOL-22**

• vocal e

**1D216 ⓖ GREEK VOCAL NOTATION SYMBOL-23**

• vocal first sharp of e  
• this is a modification of 0392 B and is therefore not the same as 0052 R

**1D217 ⓗ GREEK VOCAL NOTATION SYMBOL-24**

• vocal second sharp of e

**1D218 ⓘ GREEK VOCAL NOTATION SYMBOL-50**

• vocal first sharp of g'

**1D219 ⓙ GREEK VOCAL NOTATION SYMBOL-51**

• vocal second sharp of g'

**1D21A ⓚ GREEK VOCAL NOTATION SYMBOL-52**

• vocal a'

**1D21B ⓛ GREEK VOCAL NOTATION SYMBOL-53**

• vocal first sharp of a'

**1D21C ⓜ GREEK VOCAL NOTATION SYMBOL-54**

= Greek instrumental notation symbol-20  
• vocal second sharp of a'

• instrumental first sharp of d

**Ancient Greek instrumental notation****1D21D ⓔ GREEK INSTRUMENTAL NOTATION SYMBOL-1**

• instrumental E

**1D21E ⓕ GREEK INSTRUMENTAL NOTATION SYMBOL-2**

• instrumental first sharp of E

**1D21F ⓖ GREEK INSTRUMENTAL NOTATION SYMBOL-4**

• instrumental F

**1D220 ⓗ GREEK INSTRUMENTAL NOTATION SYMBOL-5**

• instrumental first sharp of F

**1D221 ⓘ GREEK INSTRUMENTAL NOTATION SYMBOL-7**

• instrumental G

**1D222 ⓙ GREEK INSTRUMENTAL NOTATION SYMBOL-8**

• instrumental first sharp of G

**1D223 ⓚ GREEK INSTRUMENTAL NOTATION SYMBOL-11**

• instrumental first sharp of A

**1D224 ⓛ GREEK INSTRUMENTAL NOTATION SYMBOL-12**

• instrumental second sharp of A

**1D225 ⓜ GREEK INSTRUMENTAL NOTATION SYMBOL-13**

• instrumental B

**1D226 ⓝ GREEK INSTRUMENTAL NOTATION SYMBOL-14**

• instrumental first sharp of B

**1D227 ⓗ GREEK INSTRUMENTAL NOTATION SYMBOL-17**

• instrumental first sharp of c

**1D228 ⓘ GREEK INSTRUMENTAL NOTATION SYMBOL-18**

• instrumental second sharp of c

**1D229 ⓙ GREEK INSTRUMENTAL NOTATION SYMBOL-19**

• instrumental d

**1D22A ⓚ GREEK INSTRUMENTAL NOTATION SYMBOL-23**

• instrumental first sharp of e

**1D22B ⓛ GREEK INSTRUMENTAL NOTATION SYMBOL-24**

• instrumental second sharp of e

**1D22C ⓜ GREEK INSTRUMENTAL NOTATION SYMBOL-25**

• instrumental f

- 1D22D ↘ GREEK INSTRUMENTAL NOTATION SYMBOL-26  
• instrumental first sharp of f
- 1D22E ↙ GREEK INSTRUMENTAL NOTATION SYMBOL-27  
• instrumental second sharp of f
- 1D22F ↛ GREEK INSTRUMENTAL NOTATION SYMBOL-29  
• instrumental first sharp of g
- 1D230 ↜ GREEK INSTRUMENTAL NOTATION SYMBOL-30  
• instrumental second sharp of g
- 1D231 ↚ GREEK INSTRUMENTAL NOTATION SYMBOL-32  
• instrumental first sharp of a
- 1D232 ↗ GREEK INSTRUMENTAL NOTATION SYMBOL-36  
• instrumental second sharp of b
- 1D233 > GREEK INSTRUMENTAL NOTATION SYMBOL-37  
• instrumental c'
- 1D234 < GREEK INSTRUMENTAL NOTATION SYMBOL-38  
• instrumental first sharp of c'
- 1D235 Δ GREEK INSTRUMENTAL NOTATION SYMBOL-39  
• instrumental second sharp of c'
- 1D236 < GREEK INSTRUMENTAL NOTATION SYMBOL-40  
• instrumental d'
- 1D237 > GREEK INSTRUMENTAL NOTATION SYMBOL-42  
• instrumental second sharp of d'
- 1D238 □ GREEK INSTRUMENTAL NOTATION SYMBOL-43  
• instrumental e'
- 1D239 ▢ GREEK INSTRUMENTAL NOTATION SYMBOL-45  
• instrumental second sharp of e'
- 1D23A ↖ GREEK INSTRUMENTAL NOTATION SYMBOL-47  
• instrumental first sharp of f'  
• similar but not identical to 002F /
- 1D23B ↘ GREEK INSTRUMENTAL NOTATION SYMBOL-48  
• instrumental second sharp of f'  
• similar but not identical to 005C \
- 1D23C ↤ GREEK INSTRUMENTAL NOTATION SYMBOL-49  
• instrumental g'
- 1D23D ↖ GREEK INSTRUMENTAL NOTATION SYMBOL-50  
• instrumental first sharp of g'
- 1D23E ↘ GREEK INSTRUMENTAL NOTATION SYMBOL-51  
• instrumental second sharp of g'
- 1D23F ↙ GREEK INSTRUMENTAL NOTATION SYMBOL-52  
• instrumental a'
- 1D240 ↖ GREEK INSTRUMENTAL NOTATION SYMBOL-53  
• instrumental first sharp of a'
- 1D241 ↘ GREEK INSTRUMENTAL NOTATION SYMBOL-54  
• instrumental second sharp of a'

#### Further Greek musical notation symbols

- 1D242 ⌂ COMBINING GREEK MUSICAL TRISEME  
→ 23D7 ↘ metrical triseme
- 1D243 ⌃ COMBINING GREEK MUSICAL TETRASEME  
→ 23D8 ↙ metrical tetraseme
- 1D244 ⌄ COMBINING GREEK MUSICAL PENTASEME  
→ 23D9 ↙ metrical pentaseme
- 1D245 Π GREEK MUSICAL LEIMMA

	1D30	1D31	1D32	1D33	1D34	1D35
0	...					
1						
2						
3						
4						
5						
6						
7						
8						
9						
A						
B						
C						
D						
E						
F						

1D300

## Tai Xuan Jing Symbols

1D356

*These symbols are an extension of the better-known Yijing symbols found in the Miscellaneous Symbols block. The names for the monogram and digram symbols here are not correct translations of the usual Chinese terminology.*

**Monogram**

- 1D300 ... MONOGRAM FOR EARTH  
= ren  
• usually associated with human (Chinese ren), rather than earth  
→ 268A — monogram for yang  
→ 268B -- monogram for yin

**Digrams**

*The digrams extend the set of Yijing digrams; note that the Chinese aliases more correctly represent their interpretation.*

- 1D301 ... DIGRAM FOR HEAVENLY EARTH  
= tian ren  
1D302 ... DIGRAM FOR HUMAN EARTH  
= di ren  
1D303 ... DIGRAM FOR EARTHLY HEAVEN  
= ren tian  
1D304 ... DIGRAM FOR EARTHLY HUMAN  
= ren di  
1D305 ... DIGRAM FOR EARTH  
= ren ren

**Tetragrams**

- 1D306 ... TETRAGRAM FOR CENTRE  
1D307 ... TETRAGRAM FOR FULL CIRCLE  
1D308 ... TETRAGRAM FOR MIRED  
1D309 ... TETRAGRAM FOR BARRIER  
1D30A ... TETRAGRAM FOR KEEPING SMALL  
1D30B ... TETRAGRAM FOR CONTRARIETY  
1D30C ... TETRAGRAM FOR ASCENT  
1D30D ... TETRAGRAM FOR OPPOSITION  
1D30E ... TETRAGRAM FOR BRANCHING OUT  
1D30F ... TETRAGRAM FOR DEFECTIVENESS OR DISTORTION  
1D310 ... TETRAGRAM FOR DIVERGENCE  
1D311 ... TETRAGRAM FOR YOUTHFULNESS  
1D312 ... TETRAGRAM FOR INCREASE  
1D313 ... TETRAGRAM FOR PENETRATION  
1D314 ... TETRAGRAM FOR REACH  
1D315 ... TETRAGRAM FOR CONTACT  
1D316 ... TETRAGRAM FOR HOLDING BACK  
1D317 ... TETRAGRAM FOR WAITING  
1D318 ... TETRAGRAM FOR FOLLOWING  
1D319 ... TETRAGRAM FOR ADVANCE  
1D31A ... TETRAGRAM FOR RELEASE  
1D31B ... TETRAGRAM FOR RESISTANCE  
1D31C ... TETRAGRAM FOR EASE  
1D31D ... TETRAGRAM FOR JOY  
1D31E ... TETRAGRAM FOR CONTENTION  
1D31F ... TETRAGRAM FOR ENDEAVOUR  
1D320 ... TETRAGRAM FOR DUTIES  
1D321 ... TETRAGRAM FOR CHANGE  
1D322 ... TETRAGRAM FOR DECISIVENESS  
1D323 ... TETRAGRAM FOR BOLD RESOLUTION  
1D324 ... TETRAGRAM FOR PACKING  
1D325 ... TETRAGRAM FOR LEGION  
1D326 ... TETRAGRAM FOR CLOSENESS  
1D327 ... TETRAGRAM FOR KINSHIP  
1D328 ... TETRAGRAM FOR GATHERING

- |       |   |                                   |
|-------|---|-----------------------------------|
| 1D329 |    | TETRAGRAM FOR STRENGTH            |
| 1D32A |    | TETRAGRAM FOR PURITY              |
| 1D32B |    | TETRAGRAM FOR FULLNESS            |
| 1D32C |    | TETRAGRAM FOR RESIDENCE           |
| 1D32D |    | TETRAGRAM FOR LAW OR MODEL        |
| 1D32E |    | TETRAGRAM FOR RESPONSE            |
| 1D32F |    | TETRAGRAM FOR GOING TO MEET       |
| 1D330 |    | TETRAGRAM FOR ENCOUNTERS          |
| 1D331 |    | TETRAGRAM FOR STOVE               |
| 1D332 |    | TETRAGRAM FOR GREATNESS           |
| 1D333 |    | TETRAGRAM FOR ENLARGEMENT         |
| 1D334 |    | TETRAGRAM FOR PATTERN             |
| 1D335 |    | TETRAGRAM FOR RITUAL              |
| 1D336 |    | TETRAGRAM FOR FLIGHT              |
| 1D337 |    | TETRAGRAM FOR VASTNESS OR WASTING |
| 1D338 |    | TETRAGRAM FOR CONSTANCY           |
| 1D339 |    | TETRAGRAM FOR MEASURE             |
| 1D33A |    | TETRAGRAM FOR ETERNITY            |
| 1D33B |   | TETRAGRAM FOR UNITY               |
| 1D33C |  | TETRAGRAM FOR DIMINISHMENT        |
| 1D33D |  | TETRAGRAM FOR CLOSED MOUTH        |
| 1D33E |  | TETRAGRAM FOR GUARDEDNESS         |
| 1D33F |  | TETRAGRAM FOR GATHERING IN        |
| 1D340 |  | TETRAGRAM FOR MASSING             |
| 1D341 |  | TETRAGRAM FOR ACCUMULATION        |
| 1D342 |  | TETRAGRAM FOR EMBELLISHMENT       |
| 1D343 |  | TETRAGRAM FOR DOUBT               |
| 1D344 |  | TETRAGRAM FOR WATCH               |
| 1D345 |  | TETRAGRAM FOR SINKING             |
| 1D346 |  | TETRAGRAM FOR INNER               |
| 1D347 |  | TETRAGRAM FOR DEPARTURE           |
| 1D348 |  | TETRAGRAM FOR DARKENING           |
| 1D349 |  | TETRAGRAM FOR DIMMING             |
| 1D34A |  | TETRAGRAM FOR EXHAUSTION          |
| 1D34B |  | TETRAGRAM FOR SEVERANCE           |
| 1D34C |  | TETRAGRAM FOR STOPPAGE            |
| 1D34D |  | TETRAGRAM FOR HARDNESS            |
| 1D34E |  | TETRAGRAM FOR COMPLETION          |
| 1D34F |  | TETRAGRAM FOR CLOSURE             |
| 1D350 |  | TETRAGRAM FOR FAILURE             |
| 1D351 |  | TETRAGRAM FOR AGGRAVATION         |
| 1D352 |  | TETRAGRAM FOR COMPLIANCE          |
| 1D353 |  | TETRAGRAM FOR ON THE VERGE        |
| 1D354 |  | TETRAGRAM FOR DIFFICULTIES        |
| 1D355 |  | TETRAGRAM FOR LABOURING           |
| 1D356 |  | TETRAGRAM FOR FOSTERING           |

	1D36	1D37
0	—	
1	==	
2	==	
3	==	
4	==	
5	—	
6	—	
7	—	
8	—	
9		
A		
B		
C		
D		
E	T	
F	TT	

**Counting rod units**

- 1D360 — COUNTING ROD UNIT DIGIT ONE  
 1D361 = COUNTING ROD UNIT DIGIT TWO  
 1D362 ≡ COUNTING ROD UNIT DIGIT THREE  
 1D363 ≡ COUNTING ROD UNIT DIGIT FOUR  
 1D364 ≡ COUNTING ROD UNIT DIGIT FIVE  
 1D365 ⊥ COUNTING ROD UNIT DIGIT SIX  
 1D366 ⊥ COUNTING ROD UNIT DIGIT SEVEN  
 1D367 ≈ COUNTING ROD UNIT DIGIT EIGHT  
 1D368 ≡ COUNTING ROD UNIT DIGIT NINE  
 1D369 | COUNTING ROD TENS DIGIT ONE  
 1D36A || COUNTING ROD TENS DIGIT TWO  
 1D36B ||| COUNTING ROD TENS DIGIT THREE  
 1D36C ||| COUNTING ROD TENS DIGIT FOUR  
 1D36D |||| COUNTING ROD TENS DIGIT FIVE  
 1D36E T COUNTING ROD TENS DIGIT SIX  
 1D36F T COUNTING ROD TENS DIGIT SEVEN  
 1D370 TT COUNTING ROD TENS DIGIT EIGHT  
 1D371 TT COUNTING ROD TENS DIGIT NINE

1D400

## Mathematical Alphanumeric Symbols

1D4FF

	1D40	1D41	1D42	1D43	1D44	1D45	1D46	1D47	1D48	1D49	1D4A	1D4B	1D4C	1D4D	1D4E	1D4F	
0	A 1D400	Q 1D410	g 1D420	w 1D430	M 1D440	c 1D450	s 1D460	I 1D470	Y 1D480	o 1D490			U 1D4B0	k 1D4C0	A 1D4D0	Q 1D4E0	g 1D4F0
1	B 1D401	R 1D411	h 1D421	x 1D431	N 1D441	d 1D451	t 1D461	J 1D471	Z 1D481	p 1D491			V 1D4B1	ℓ 1D4C1	B 1D4D1	R 1D4E1	ℏ 1D4F1
2	C 1D402	S 1D412	i 1D422	y 1D432	O 1D442	e 1D452	u 1D462	K 1D472	a 1D482	q 1D492	G 1D4A2	W 1D4B2	m 1D4C2	C 1D4D2	S 1D4E2	i 1D4F2	
3	D 1D403	T 1D413	j 1D423	z 1D433	P 1D443	f 1D453	v 1D463	L 1D473	b 1D483	r 1D493		X 1D4B3	n 1D4C3	D 1D4D3	T 1D4E3	j 1D4F3	
4	E 1D404	U 1D414	k 1D424	A 1D434	Q 1D444	g 1D454	w 1D464	M 1D474	c 1D484	s 1D494		Y 1D4B4		E 1D4D4	U 1D4E4	k 1D4F4	
5	F 1D405	V 1D415	l 1D425	B 1D435	R 1D445		x 1D465	N 1D475	d 1D485	t 1D495	J 1D4A5	Z 1D4B5	p 1D4C5	F 1D4D5	V 1D4E5	ℓ 1D4F5	
6	G 1D406	W 1D416	m 1D426	C 1D436	S 1D446	i 1D456	y 1D466	O 1D476	e 1D486	u 1D496	K 1D4A6	a 1D4B6	q 1D4C6	G 1D4D6	W 1D4E6	m 1D4F6	
7	H 1D407	X 1D417	n 1D427	D 1D437	T 1D447	j 1D457	z 1D467	P 1D477	f 1D487	v 1D497		ℓ 1D4B7	r 1D4C7	H 1D4D7	X 1D4E7	n 1D4F7	
8	I 1D408	Y 1D418	o 1D428	E 1D438	U 1D448	k 1D458	A 1D468	Q 1D478	g 1D488	w 1D498		c 1D4B8	s 1D4C8	I 1D4D8	Y 1D4E8	o 1D4F8	
9	J 1D409	Z 1D419	p 1D429	F 1D439	V 1D449	l 1D459	B 1D469	R 1D479	h 1D489	x 1D499	N 1D4A9	d 1D4B9	t 1D4C9	J 1D4D9	Z 1D4E9	p 1D4F9	
A	K 1D40A	a 1D41A	q 1D42A	G 1D43A	W 1D44A	m 1D45A	C 1D46A	S 1D47A	i 1D48A	y 1D49A	∅ 1D4AA		u 1D4CA	K 1D4DA	a 1D4EA	q 1D4FA	
B	L 1D40B	b 1D41B	r 1D42B	H 1D43B	X 1D44B	n 1D45B	D 1D46B	T 1D47B	j 1D48B	z 1D49B	P 1D4AB	ℓ 1D4BB	v 1D4CB	L 1D4DB	ℓ 1D4EB	r 1D4FB	
C	M 1D40C	c 1D41C	s 1D42C	I 1D43C	Y 1D44C	o 1D45C	E 1D46C	U 1D47C	k 1D48C	A 1D49C	Q 1D4AC		w 1D4CC	M 1D4DC	c 1D4EC	s 1D4FC	
D	N 1D40D	d 1D41D	t 1D42D	J 1D43D	Z 1D44D	p 1D45D	F 1D46D	V 1D47D	l 1D48D			ℏ 1D4BD	x 1D4CD	N 1D4DD	d 1D4ED	t 1D4FD	
E	O 1D40E	e 1D41E	u 1D42E	K 1D43E	a 1D44E	q 1D45E	G 1D46E	W 1D47E	m 1D48E	C 1D49E	S 1D4AE	i 1D4BE	y 1D4CE	∅ 1D4DE	e 1D4EE	u 1D4FE	
F	P 1D40F	f 1D41F	v 1D42F	L 1D43F	b 1D44F	r 1D45F	H 1D46F	X 1D47F	n 1D48F	D 1D49F	T 1D4AF	j 1D4BF	z 1D4CF	P 1D4DF	f 1D4EF	v 1D4FF	

1D50 1D51 1D52 1D53 1D54 1D55 1D56 1D57 1D58 1D59 1D5A 1D5B 1D5C 1D5D 1D5E 1D5F

0	w	M	c	s	I	Y	O	C	U	f	A	Q	g	w	M	c	
1	x	N	d	t	J			p	V	l	B	R	h	x	N	d	
2	y	D	e	u	K	a	q	G	W	m	C	S	i	y	O	e	
3	z	P	f	v	L	b	r	H	X	n	D	T	j	z	P	f	
4	U	Q	g	w	M	c	S	N	o	E	U	k	A	Q	g		
5	B		h	x		d	t	J	Z	p	F	V	I	B	R	h	
6		S	i	h	O	e	u	K	a	q	G	W	m	C	S	i	
7	D	Z	j	z		f	v	L	b	r	H	X	n	D	T	j	
8	C	U	f	A		g	w	M	c	s	I	Y	o	E	U	k	
9	S	V	l	B		h	x	N	d	t	J	Z	p	F	V	l	
A	G	W	m		S	i	y	D	e	u	K	a	q	G	W	m	
B		X	n	D	T	j	z	P	f	v	L	b	r	H	X	n	
C		Y	o	E	U	k		Q	g	w	M	c	s	I	Y	o	
D	S		p	F	V	I		B	R	h	x	N	d	t	J	p	
E	K	a	q	G	W	m		C	S	i	h	O	e	u	K	a	q
F	Q	b	r		X	n		D	Z	j	z	P	f	v	L	b	r

1D600

## Mathematical Alphanumeric Symbols

1D6FF

1D60 1D61 1D62 1D63 1D64 1D65 1D66 1D67 1D68 1D69 1D6A 1D6B 1D6C 1D6D 1D6E 1D6F

0	<b>s</b> 1D600	<b>I</b> 1D610	<b>Y</b> 1D620	<b>o</b> 1D630	<b>E</b> 1D640	<b>U</b> 1D650	<b>k</b> 1D660	<b>A</b> 1D670	<b>Q</b> 1D680	<b>g</b> 1D690	<b>w</b> 1D6A0	<b>I</b> 1D6B0	<b>Ω</b> 1D6C0	<b>o</b> 1D6D0	<b>q</b> 1D6E0	<b>O</b> 1D6F0
1	<b>t</b> 1D601	<b>J</b> 1D611	<b>Z</b> 1D621	<b>p</b> 1D631	<b>F</b> 1D641	<b>V</b> 1D651	<b>I</b> 1D661	<b>B</b> 1D671	<b>R</b> 1D681	<b>h</b> 1D691	<b>x</b> 1D6A1	<b>K</b> 1D6B1	<b>∇</b> 1D6C1	<b>π</b> 1D6D1	<b>ω</b> 1D6E1	<b>Π</b> 1D6F1
2	<b>u</b> 1D602	<b>K</b> 1D612	<b>a</b> 1D622	<b>q</b> 1D632	<b>G</b> 1D642	<b>W</b> 1D652	<b>m</b> 1D662	<b>C</b> 1D672	<b>S</b> 1D682	<b>i</b> 1D692	<b>y</b> 1D6A2	<b>Λ</b> 1D6B2	<b>α</b> 1D6C2	<b>ρ</b> 1D6D2	<b>A</b> 1D6E2	<b>P</b> 1D6F2
3	<b>v</b> 1D603	<b>L</b> 1D613	<b>b</b> 1D623	<b>r</b> 1D633	<b>H</b> 1D643	<b>X</b> 1D653	<b>n</b> 1D663	<b>D</b> 1D673	<b>T</b> 1D683	<b>j</b> 1D693	<b>z</b> 1D6A3	<b>M</b> 1D6B3	<b>β</b> 1D6C3	<b>ς</b> 1D6D3	<b>B</b> 1D6E3	<b>Θ</b> 1D6F3
4	<b>w</b> 1D604	<b>M</b> 1D614	<b>c</b> 1D624	<b>s</b> 1D634	<b>I</b> 1D644	<b>Y</b> 1D654	<b>o</b> 1D664	<b>E</b> 1D674	<b>U</b> 1D684	<b>k</b> 1D694	<b>l</b> 1D6A4	<b>N</b> 1D6B4	<b>γ</b> 1D6C4	<b>σ</b> 1D6D4	<b>Γ</b> 1D6E4	<b>Σ</b> 1D6F4
5	<b>x</b> 1D605	<b>N</b> 1D615	<b>d</b> 1D625	<b>t</b> 1D635	<b>J</b> 1D645	<b>Z</b> 1D655	<b>p</b> 1D665	<b>F</b> 1D675	<b>V</b> 1D685	<b>l</b> 1D695	<b>J</b> 1D6A5	<b>Ξ</b> 1D6B5	<b>δ</b> 1D6C5	<b>τ</b> 1D6D5	<b>Δ</b> 1D6E5	<b>T</b> 1D6F5
6	<b>y</b> 1D606	<b>O</b> 1D616	<b>e</b> 1D626	<b>u</b> 1D636	<b>K</b> 1D646	<b>a</b> 1D656	<b>q</b> 1D666	<b>G</b> 1D676	<b>W</b> 1D686	<b>m</b> 1D696		<b>O</b> 1D6B6	<b>ε</b> 1D6C6	<b>υ</b> 1D6D6	<b>E</b> 1D6E6	<b>Υ</b> 1D6F6
7	<b>z</b> 1D607	<b>P</b> 1D617	<b>f</b> 1D627	<b>v</b> 1D637	<b>L</b> 1D647	<b>b</b> 1D657	<b>r</b> 1D667	<b>H</b> 1D677	<b>X</b> 1D687	<b>n</b> 1D697		<b>Π</b> 1D6B7	<b>ζ</b> 1D6C7	<b>Φ</b> 1D6D7	<b>Z</b> 1D6E7	<b>Φ</b> 1D6F7
8	<b>A</b> 1D608	<b>Q</b> 1D618	<b>g</b> 1D628	<b>w</b> 1D638	<b>M</b> 1D648	<b>c</b> 1D658	<b>s</b> 1D668	<b>I</b> 1D678	<b>Y</b> 1D688	<b>o</b> 1D698	<b>A</b> 1D6A8	<b>P</b> 1D6B8	<b>η</b> 1D6C8	<b>χ</b> 1D6D8	<b>H</b> 1D6E8	<b>X</b> 1D6F8
9	<b>B</b> 1D609	<b>R</b> 1D619	<b>h</b> 1D629	<b>x</b> 1D639	<b>N</b> 1D649	<b>d</b> 1D659	<b>t</b> 1D669	<b>J</b> 1D679	<b>Z</b> 1D689	<b>p</b> 1D699	<b>B</b> 1D6A9	<b>Θ</b> 1D6B9	<b>θ</b> 1D6C9	<b>Ψ</b> 1D6D9	<b>Θ</b> 1D6E9	<b>Ψ</b> 1D6F9
A	<b>C</b> 1D60A	<b>S</b> 1D61A	<b>i</b> 1D62A	<b>y</b> 1D63A	<b>O</b> 1D64A	<b>e</b> 1D65A	<b>u</b> 1D66A	<b>K</b> 1D67A	<b>a</b> 1D68A	<b>q</b> 1D69A	<b>Γ</b> 1D6AA	<b>Σ</b> 1D6BA	<b>ι</b> 1D6CA	<b>ω</b> 1D6DA	<b>I</b> 1D6EA	<b>Ω</b> 1D6FA
B	<b>D</b> 1D60B	<b>T</b> 1D61B	<b>j</b> 1D62B	<b>z</b> 1D63B	<b>P</b> 1D64B	<b>f</b> 1D65B	<b>v</b> 1D66B	<b>L</b> 1D67B	<b>b</b> 1D68B	<b>r</b> 1D69B	<b>Δ</b> 1D6AB	<b>T</b> 1D6BB	<b>κ</b> 1D6CB	<b>δ</b> 1D6DB	<b>K</b> 1D6EB	<b>∇</b> 1D6FB
C	<b>E</b> 1D60C	<b>U</b> 1D61C	<b>k</b> 1D62C	<b>A</b> 1D63C	<b>Q</b> 1D64C	<b>g</b> 1D65C	<b>w</b> 1D66C	<b>M</b> 1D67C	<b>c</b> 1D68C	<b>s</b> 1D69C	<b>E</b> 1D6AC	<b>Υ</b> 1D6BC	<b>λ</b> 1D6CC	<b>€</b> 1D6DC	<b>Λ</b> 1D6EC	<b>α</b> 1D6FC
D	<b>F</b> 1D60D	<b>V</b> 1D61D	<b>/</b> 1D62D	<b>B</b> 1D63D	<b>R</b> 1D64D	<b>h</b> 1D65D	<b>x</b> 1D66D	<b>N</b> 1D67D	<b>d</b> 1D68D	<b>t</b> 1D69D	<b>Z</b> 1D6AD	<b>Φ</b> 1D6BD	<b>μ</b> 1D6CD	<b>ϑ</b> 1D6DD	<b>M</b> 1D6ED	<b>β</b> 1D6FD
E	<b>G</b> 1D60E	<b>W</b> 1D61E	<b>m</b> 1D62E	<b>C</b> 1D63E	<b>S</b> 1D64E	<b>i</b> 1D65E	<b>y</b> 1D66E	<b>Ø</b> 1D67E	<b>e</b> 1D68E	<b>u</b> 1D69E	<b>H</b> 1D6AE	<b>X</b> 1D6BE	<b>ν</b> 1D6CE	<b>χ</b> 1D6DE	<b>N</b> 1D6EE	<b>γ</b> 1D6FE
F	<b>H</b> 1D60F	<b>X</b> 1D61F	<b>n</b> 1D62F	<b>D</b> 1D63F	<b>T</b> 1D64F	<b>j</b> 1D65F	<b>z</b> 1D66F	<b>P</b> 1D67F	<b>f</b> 1D68F	<b>v</b> 1D69F	<b>Θ</b> 1D6AF	<b>Ψ</b> 1D6BF	<b>ξ</b> 1D6CF	<b>Φ</b> 1D6DF	<b>Ξ</b> 1D6EF	<b>δ</b> 1D6FF

1D70 1D71 1D72 1D73 1D74 1D75 1D76 1D77 1D78 1D79 1D7A 1D7B 1D7C 1D7D 1D7E 1D7F

0	$\varepsilon$ 1D700	$v$ 1D710	$E$ 1D720	$\Upsilon$ 1D730	$\lambda$ 1D740	$\epsilon$ 1D750	$\Lambda$ 1D760	$\alpha$ 1D770	$\rho$ 1D780	$A$ 1D790	$P$ 1D7A0	$\eta$ 1D7B0	$\chi$ 1D7C0	$2$ 1D7D0	$8$ 1D7E0	$4$ 1D7F0
1	$\zeta$ 1D701	$\varphi$ 1D711	$Z$ 1D721	$\Phi$ 1D731	$\mu$ 1D741	$\vartheta$ 1D751	$M$ 1D761	$\beta$ 1D771	$\varsigma$ 1D781	$B$ 1D791	$\Theta$ 1D7A1	$\theta$ 1D7B1	$\psi$ 1D7C1	$3$ 1D7D1	$\vartheta$ 1D7E1	$5$ 1D7F1
2	$\eta$ 1D702	$\chi$ 1D712	$H$ 1D722	$X$ 1D732	$\nu$ 1D742	$\kappa$ 1D752	$N$ 1D762	$\gamma$ 1D772	$\sigma$ 1D782	$\Gamma$ 1D792	$\Sigma$ 1D7A2	$\iota$ 1D7B2	$\omega$ 1D7C2	$4$ 1D7D2	$0$ 1D7E2	$6$ 1D7F2
3	$\theta$ 1D703	$\psi$ 1D713	$\Theta$ 1D723	$\Psi$ 1D733	$\xi$ 1D743	$\phi$ 1D753	$\Xi$ 1D763	$\delta$ 1D773	$\tau$ 1D783	$\Delta$ 1D793	$\mathcal{T}$ 1D7A3	$\kappa$ 1D7B3	$\partial$ 1D7C3	$5$ 1D7D3	$1$ 1D7E3	$7$ 1D7F3
4	$\iota$ 1D704	$\omega$ 1D714	$I$ 1D724	$\Omega$ 1D734	$o$ 1D744	$\varrho$ 1D754	$O$ 1D764	$\varepsilon$ 1D774	$\upsilon$ 1D784	$E$ 1D794	$\Upsilon$ 1D7A4	$\lambda$ 1D7B4	$\epsilon$ 1D7C4	$6$ 1D7D4	$2$ 1D7E4	$8$ 1D7F4
5	$\kappa$ 1D705	$\partial$ 1D715	$K$ 1D725	$\nabla$ 1D735	$\pi$ 1D745	$\varpi$ 1D755	$\Pi$ 1D765	$\zeta$ 1D775	$\varphi$ 1D785	$Z$ 1D795	$\Phi$ 1D7A5	$\mu$ 1D7B5	$\vartheta$ 1D7C5	$7$ 1D7D5	$3$ 1D7E5	$9$ 1D7F5
6	$\lambda$ 1D706	$\epsilon$ 1D716	$\Lambda$ 1D726	$\alpha$ 1D736	$\rho$ 1D746	$\mathbf{A}$ 1D756	$P$ 1D766	$\eta$ 1D776	$\chi$ 1D786	$H$ 1D796	$X$ 1D7A6	$\nu$ 1D7B6	$\kappa$ 1D7C6	$8$ 1D7D6	$4$ 1D7E6	$0$ 1D7F6
7	$\mu$ 1D707	$\vartheta$ 1D717	$M$ 1D727	$\beta$ 1D737	$\varsigma$ 1D747	$B$ 1D757	$\Theta$ 1D767	$\theta$ 1D777	$\psi$ 1D787	$\Theta$ 1D797	$\Psi$ 1D7A7	$\xi$ 1D7B7	$\phi$ 1D7C7	$9$ 1D7D7	$5$ 1D7E7	$1$ 1D7F7
8	$\nu$ 1D708	$\kappa$ 1D718	$N$ 1D728	$\gamma$ 1D738	$\sigma$ 1D748	$\Gamma$ 1D758	$\Sigma$ 1D768	$\iota$ 1D778	$\omega$ 1D788	$I$ 1D798	$\Omega$ 1D7A8	$o$ 1D7B8	$\varrho$ 1D7C8	$\emptyset$ 1D7D8	$6$ 1D7E8	$2$ 1D7F8
9	$\xi$ 1D709	$\phi$ 1D719	$\Xi$ 1D729	$\delta$ 1D739	$\tau$ 1D749	$\Delta$ 1D759	$\mathcal{T}$ 1D769	$\kappa$ 1D779	$\partial$ 1D789	$K$ 1D799	$\nabla$ 1D7A9	$\pi$ 1D7B9	$\varpi$ 1D7C9	$1$ 1D7D9	$7$ 1D7E9	$3$ 1D7F9
A	$o$ 1D70A	$\varrho$ 1D71A	$O$ 1D72A	$\varepsilon$ 1D73A	$v$ 1D74A	$E$ 1D75A	$\Upsilon$ 1D76A	$\lambda$ 1D77A	$\epsilon$ 1D78A	$\Lambda$ 1D79A	$\alpha$ 1D7AA	$\rho$ 1D7BA	$F$ 1D7CA	$2$ 1D7DA	$8$ 1D7EA	$4$ 1D7FA
B	$\pi$ 1D70B	$\varpi$ 1D71B	$\Pi$ 1D72B	$\zeta$ 1D73B	$\varphi$ 1D74B	$Z$ 1D75B	$\Phi$ 1D76B	$\mu$ 1D77B	$\vartheta$ 1D78B	$M$ 1D79B	$\beta$ 1D7AB	$\varsigma$ 1D7BB	$F$ 1D7CB	$3$ 1D7DB	$9$ 1D7EB	$5$ 1D7FB
C	$\rho$ 1D70C	$A$ 1D71C	$P$ 1D72C	$\eta$ 1D73C	$\chi$ 1D74C	$H$ 1D75C	$X$ 1D76C	$\nu$ 1D77C	$\kappa$ 1D78C	$N$ 1D79C	$\gamma$ 1D7AC	$\sigma$ 1D7BC		$4$ 1D7DC	$0$ 1D7EC	$6$ 1D7FC
D	$\varsigma$ 1D70D	$B$ 1D71D	$\Theta$ 1D72D	$\theta$ 1D73D	$\psi$ 1D74D	$\Theta$ 1D75D	$\Psi$ 1D76D	$\xi$ 1D77D	$\phi$ 1D78D	$\Xi$ 1D79D	$\delta$ 1D7AD	$\tau$ 1D7BD		$5$ 1D7DD	$1$ 1D7ED	$7$ 1D7FD
E	$\sigma$ 1D70E	$\Gamma$ 1D71E	$\Sigma$ 1D72E	$\iota$ 1D73E	$\omega$ 1D74E	$I$ 1D75E	$\Omega$ 1D76E	$o$ 1D77E	$\varrho$ 1D78E	$O$ 1D79E	$\varepsilon$ 1D7AE	$\upsilon$ 1D7BE	$\emptyset$ 1D7CE	$6$ 1D7DE	$2$ 1D7EE	$8$ 1D7FE
F	$\tau$ 1D70F	$\Delta$ 1D71F	$T$ 1D72F	$\kappa$ 1D73F	$\partial$ 1D74F	$K$ 1D75F	$\nabla$ 1D76F	$\pi$ 1D77F	$\varpi$ 1D78F	$\Pi$ 1D79F	$\zeta$ 1D7AF	$\varphi$ 1D7BF	$1$ 1D7CF	$7$ 1D7DF	$3$ 1D7EF	$9$ 1D7FF

1D400

## Mathematical Alphanumeric Symbols

1D439

*To be used for mathematical variables where style variations are important semantically. For general text, use standard Latin and Greek letters with markup.*

**Bold symbols**

1D400	<b>A</b>	MATHEMATICAL BOLD CAPITAL A ≈ <font> 0041 A latin capital letter a
1D401	<b>B</b>	MATHEMATICAL BOLD CAPITAL B ≈ <font> 0042 B latin capital letter b
1D402	<b>C</b>	MATHEMATICAL BOLD CAPITAL C ≈ <font> 0043 C latin capital letter c
1D403	<b>D</b>	MATHEMATICAL BOLD CAPITAL D ≈ <font> 0044 D latin capital letter d
1D404	<b>E</b>	MATHEMATICAL BOLD CAPITAL E ≈ <font> 0045 E latin capital letter e
1D405	<b>F</b>	MATHEMATICAL BOLD CAPITAL F ≈ <font> 0046 F latin capital letter f
1D406	<b>G</b>	MATHEMATICAL BOLD CAPITAL G ≈ <font> 0047 G latin capital letter g
1D407	<b>H</b>	MATHEMATICAL BOLD CAPITAL H ≈ <font> 0048 H latin capital letter h
1D408	<b>I</b>	MATHEMATICAL BOLD CAPITAL I ≈ <font> 0049 I latin capital letter i
1D409	<b>J</b>	MATHEMATICAL BOLD CAPITAL J ≈ <font> 004A J latin capital letter j
1D40A	<b>K</b>	MATHEMATICAL BOLD CAPITAL K ≈ <font> 004B K latin capital letter k
1D40B	<b>L</b>	MATHEMATICAL BOLD CAPITAL L ≈ <font> 004C L latin capital letter l
1D40C	<b>M</b>	MATHEMATICAL BOLD CAPITAL M ≈ <font> 004D M latin capital letter m
1D40D	<b>N</b>	MATHEMATICAL BOLD CAPITAL N ≈ <font> 004E N latin capital letter n
1D40E	<b>O</b>	MATHEMATICAL BOLD CAPITAL O ≈ <font> 004F O latin capital letter o
1D40F	<b>P</b>	MATHEMATICAL BOLD CAPITAL P ≈ <font> 0050 P latin capital letter p
1D410	<b>Q</b>	MATHEMATICAL BOLD CAPITAL Q ≈ <font> 0051 Q latin capital letter q
1D411	<b>R</b>	MATHEMATICAL BOLD CAPITAL R ≈ <font> 0052 R latin capital letter r
1D412	<b>S</b>	MATHEMATICAL BOLD CAPITAL S ≈ <font> 0053 S latin capital letter s
1D413	<b>T</b>	MATHEMATICAL BOLD CAPITAL T ≈ <font> 0054 T latin capital letter t
1D414	<b>U</b>	MATHEMATICAL BOLD CAPITAL U ≈ <font> 0055 U latin capital letter u
1D415	<b>V</b>	MATHEMATICAL BOLD CAPITAL V ≈ <font> 0056 V latin capital letter v
1D416	<b>W</b>	MATHEMATICAL BOLD CAPITAL W ≈ <font> 0057 W latin capital letter w
1D417	<b>X</b>	MATHEMATICAL BOLD CAPITAL X ≈ <font> 0058 X latin capital letter x
1D418	<b>Y</b>	MATHEMATICAL BOLD CAPITAL Y ≈ <font> 0059 Y latin capital letter y
1D419	<b>Z</b>	MATHEMATICAL BOLD CAPITAL Z ≈ <font> 005A Z latin capital letter z
1D41A	<b>a</b>	MATHEMATICAL BOLD SMALL A ≈ <font> 0061 a latin small letter a
1D41B	<b>b</b>	MATHEMATICAL BOLD SMALL B ≈ <font> 0062 b latin small letter b
1D41C	<b>c</b>	MATHEMATICAL BOLD SMALL C ≈ <font> 0063 c latin small letter c

1D41D	<b>d</b>	MATHEMATICAL BOLD SMALL D ≈ <font> 0064 d latin small letter d
1D41E	<b>e</b>	MATHEMATICAL BOLD SMALL E ≈ <font> 0065 e latin small letter e
1D41F	<b>f</b>	MATHEMATICAL BOLD SMALL F ≈ <font> 0066 f latin small letter f
1D420	<b>g</b>	MATHEMATICAL BOLD SMALL G ≈ <font> 0067 g latin small letter g
1D421	<b>h</b>	MATHEMATICAL BOLD SMALL H ≈ <font> 0068 h latin small letter h
1D422	<b>i</b>	MATHEMATICAL BOLD SMALL I ≈ <font> 0069 i latin small letter i
1D423	<b>j</b>	MATHEMATICAL BOLD SMALL J ≈ <font> 006A j latin small letter j
1D424	<b>k</b>	MATHEMATICAL BOLD SMALL K ≈ <font> 006B k latin small letter k
1D425	<b>l</b>	MATHEMATICAL BOLD SMALL L ≈ <font> 006C l latin small letter l
1D426	<b>m</b>	MATHEMATICAL BOLD SMALL M ≈ <font> 006D m latin small letter m
1D427	<b>n</b>	MATHEMATICAL BOLD SMALL N ≈ <font> 006E n latin small letter n
1D428	<b>o</b>	MATHEMATICAL BOLD SMALL O ≈ <font> 006F o latin small letter o
1D429	<b>p</b>	MATHEMATICAL BOLD SMALL P ≈ <font> 0070 p latin small letter p
1D42A	<b>q</b>	MATHEMATICAL BOLD SMALL Q ≈ <font> 0071 q latin small letter q
1D42B	<b>r</b>	MATHEMATICAL BOLD SMALL R ≈ <font> 0072 r latin small letter r
1D42C	<b>s</b>	MATHEMATICAL BOLD SMALL S ≈ <font> 0073 s latin small letter s
1D42D	<b>t</b>	MATHEMATICAL BOLD SMALL T ≈ <font> 0074 t latin small letter t
1D42E	<b>u</b>	MATHEMATICAL BOLD SMALL U ≈ <font> 0075 u latin small letter u
1D42F	<b>v</b>	MATHEMATICAL BOLD SMALL V ≈ <font> 0076 v latin small letter v
1D430	<b>w</b>	MATHEMATICAL BOLD SMALL W ≈ <font> 0077 w latin small letter w
1D431	<b>x</b>	MATHEMATICAL BOLD SMALL X ≈ <font> 0078 x latin small letter x
1D432	<b>y</b>	MATHEMATICAL BOLD SMALL Y ≈ <font> 0079 y latin small letter y
1D433	<b>z</b>	MATHEMATICAL BOLD SMALL Z ≈ <font> 007A z latin small letter z

**Italic symbols**

*Italic symbols already encoded in the Letterlike Symbols block are omitted here to avoid duplicate encoding.*

1D434	<b>A</b>	MATHEMATICAL ITALIC CAPITAL A ≈ <font> 0041 A latin capital letter a
1D435	<b>B</b>	MATHEMATICAL ITALIC CAPITAL B ≈ <font> 0042 B latin capital letter b
1D436	<b>C</b>	MATHEMATICAL ITALIC CAPITAL C ≈ <font> 0043 C latin capital letter c
1D437	<b>D</b>	MATHEMATICAL ITALIC CAPITAL D ≈ <font> 0044 D latin capital letter d
1D438	<b>E</b>	MATHEMATICAL ITALIC CAPITAL E ≈ <font> 0045 E latin capital letter e
1D439	<b>F</b>	MATHEMATICAL ITALIC CAPITAL F ≈ <font> 0046 F latin capital letter f

1D43A	<i>G</i>	MATHEMATICAL ITALIC CAPITAL G ≈ <font> 0047 G latin capital letter g
1D43B	<i>H</i>	MATHEMATICAL ITALIC CAPITAL H ≈ <font> 0048 H latin capital letter h
1D43C	<i>I</i>	MATHEMATICAL ITALIC CAPITAL I ≈ <font> 0049 I latin capital letter i
1D43D	<i>J</i>	MATHEMATICAL ITALIC CAPITAL J ≈ <font> 004A J latin capital letter j
1D43E	<i>K</i>	MATHEMATICAL ITALIC CAPITAL K ≈ <font> 004B K latin capital letter k
1D43F	<i>L</i>	MATHEMATICAL ITALIC CAPITAL L ≈ <font> 004C L latin capital letter l
1D440	<i>M</i>	MATHEMATICAL ITALIC CAPITAL M ≈ <font> 004D M latin capital letter m
1D441	<i>N</i>	MATHEMATICAL ITALIC CAPITAL N ≈ <font> 004E N latin capital letter n
1D442	<i>O</i>	MATHEMATICAL ITALIC CAPITAL O ≈ <font> 004F O latin capital letter o
1D443	<i>P</i>	MATHEMATICAL ITALIC CAPITAL P ≈ <font> 0050 P latin capital letter p
1D444	<i>Q</i>	MATHEMATICAL ITALIC CAPITAL Q ≈ <font> 0051 Q latin capital letter q
1D445	<i>R</i>	MATHEMATICAL ITALIC CAPITAL R ≈ <font> 0052 R latin capital letter r
1D446	<i>S</i>	MATHEMATICAL ITALIC CAPITAL S ≈ <font> 0053 S latin capital letter s
1D447	<i>T</i>	MATHEMATICAL ITALIC CAPITAL T ≈ <font> 0054 T latin capital letter t
1D448	<i>U</i>	MATHEMATICAL ITALIC CAPITAL U ≈ <font> 0055 U latin capital letter u
1D449	<i>V</i>	MATHEMATICAL ITALIC CAPITAL V ≈ <font> 0056 V latin capital letter v
1D44A	<i>W</i>	MATHEMATICAL ITALIC CAPITAL W ≈ <font> 0057 W latin capital letter w
1D44B	<i>X</i>	MATHEMATICAL ITALIC CAPITAL X ≈ <font> 0058 X latin capital letter x
1D44C	<i>Y</i>	MATHEMATICAL ITALIC CAPITAL Y ≈ <font> 0059 Y latin capital letter y
1D44D	<i>Z</i>	MATHEMATICAL ITALIC CAPITAL Z ≈ <font> 005A Z latin capital letter z
1D44E	<i>a</i>	MATHEMATICAL ITALIC SMALL A ≈ <font> 0061 a latin small letter a
1D44F	<i>b</i>	MATHEMATICAL ITALIC SMALL B ≈ <font> 0062 b latin small letter b
1D450	<i>c</i>	MATHEMATICAL ITALIC SMALL C ≈ <font> 0063 c latin small letter c
1D451	<i>d</i>	MATHEMATICAL ITALIC SMALL D ≈ <font> 0064 d latin small letter d
1D452	<i>e</i>	MATHEMATICAL ITALIC SMALL E ≈ <font> 0065 e latin small letter e
1D453	<i>f</i>	MATHEMATICAL ITALIC SMALL F ≈ <font> 0066 f latin small letter f
1D454	<i>g</i>	MATHEMATICAL ITALIC SMALL G ≈ <font> 0067 g latin small letter g
1D455		<reserved> → 210E h planck constant
1D456	<i>i</i>	MATHEMATICAL ITALIC SMALL I ≈ <font> 0069 i latin small letter i
1D457	<i>j</i>	MATHEMATICAL ITALIC SMALL J ≈ <font> 006A j latin small letter j
1D458	<i>k</i>	MATHEMATICAL ITALIC SMALL K ≈ <font> 006B k latin small letter k

1D459	<i>l</i>	MATHEMATICAL ITALIC SMALL L ≈ <font> 006C l latin small letter l
1D45A	<i>m</i>	MATHEMATICAL ITALIC SMALL M ≈ <font> 006D m latin small letter m
1D45B	<i>n</i>	MATHEMATICAL ITALIC SMALL N ≈ <font> 006E n latin small letter n
1D45C	<i>o</i>	MATHEMATICAL ITALIC SMALL O ≈ <font> 006F o latin small letter o
1D45D	<i>p</i>	MATHEMATICAL ITALIC SMALL P ≈ <font> 0070 p latin small letter p
1D45E	<i>q</i>	MATHEMATICAL ITALIC SMALL Q ≈ <font> 0071 q latin small letter q
1D45F	<i>r</i>	MATHEMATICAL ITALIC SMALL R ≈ <font> 0072 r latin small letter r
1D460	<i>s</i>	MATHEMATICAL ITALIC SMALL S ≈ <font> 0073 s latin small letter s
1D461	<i>t</i>	MATHEMATICAL ITALIC SMALL T ≈ <font> 0074 t latin small letter t
1D462	<i>u</i>	MATHEMATICAL ITALIC SMALL U ≈ <font> 0075 u latin small letter u
1D463	<i>v</i>	MATHEMATICAL ITALIC SMALL V ≈ <font> 0076 v latin small letter v
1D464	<i>w</i>	MATHEMATICAL ITALIC SMALL W ≈ <font> 0077 w latin small letter w
1D465	<i>x</i>	MATHEMATICAL ITALIC SMALL X ≈ <font> 0078 x latin small letter x
1D466	<i>y</i>	MATHEMATICAL ITALIC SMALL Y ≈ <font> 0079 y latin small letter y
1D467	<i>z</i>	MATHEMATICAL ITALIC SMALL Z ≈ <font> 007A z latin small letter z

**Bold italic symbols**

1D468	<b>A</b>	MATHEMATICAL BOLD ITALIC CAPITAL A ≈ <font> 0041 A latin capital letter a
1D469	<b>B</b>	MATHEMATICAL BOLD ITALIC CAPITAL B ≈ <font> 0042 B latin capital letter b
1D46A	<b>C</b>	MATHEMATICAL BOLD ITALIC CAPITAL C ≈ <font> 0043 C latin capital letter c
1D46B	<b>D</b>	MATHEMATICAL BOLD ITALIC CAPITAL D ≈ <font> 0044 D latin capital letter d
1D46C	<b>E</b>	MATHEMATICAL BOLD ITALIC CAPITAL E ≈ <font> 0045 E latin capital letter e
1D46D	<b>F</b>	MATHEMATICAL BOLD ITALIC CAPITAL F ≈ <font> 0046 F latin capital letter f
1D46E	<b>G</b>	MATHEMATICAL BOLD ITALIC CAPITAL G ≈ <font> 0047 G latin capital letter g
1D46F	<b>H</b>	MATHEMATICAL BOLD ITALIC CAPITAL H ≈ <font> 0048 H latin capital letter h
1D470	<b>I</b>	MATHEMATICAL BOLD ITALIC CAPITAL I ≈ <font> 0049 I latin capital letter i
1D471	<b>J</b>	MATHEMATICAL BOLD ITALIC CAPITAL J ≈ <font> 004A J latin capital letter j
1D472	<b>K</b>	MATHEMATICAL BOLD ITALIC CAPITAL K ≈ <font> 004B K latin capital letter k
1D473	<b>L</b>	MATHEMATICAL BOLD ITALIC CAPITAL L ≈ <font> 004C L latin capital letter l
1D474	<b>M</b>	MATHEMATICAL BOLD ITALIC CAPITAL M ≈ <font> 004D M latin capital letter m
1D475	<b>N</b>	MATHEMATICAL BOLD ITALIC CAPITAL N ≈ <font> 004E N latin capital letter n
1D476	<b>O</b>	MATHEMATICAL BOLD ITALIC CAPITAL O ≈ <font> 004F O latin capital letter o

1D477

## Mathematical Alphanumeric Symbols

1D4B1

1D477	<b>P</b>	MATHEMATICAL BOLD ITALIC CAPITAL P ≈ <font> 0050 P latin capital letter p
1D478	<b>Q</b>	MATHEMATICAL BOLD ITALIC CAPITAL Q ≈ <font> 0051 Q latin capital letter q
1D479	<b>R</b>	MATHEMATICAL BOLD ITALIC CAPITAL R ≈ <font> 0052 R latin capital letter r
1D47A	<b>S</b>	MATHEMATICAL BOLD ITALIC CAPITAL S ≈ <font> 0053 S latin capital letter s
1D47B	<b>T</b>	MATHEMATICAL BOLD ITALIC CAPITAL T ≈ <font> 0054 T latin capital letter t
1D47C	<b>U</b>	MATHEMATICAL BOLD ITALIC CAPITAL U ≈ <font> 0055 U latin capital letter u
1D47D	<b>V</b>	MATHEMATICAL BOLD ITALIC CAPITAL V ≈ <font> 0056 V latin capital letter v
1D47E	<b>W</b>	MATHEMATICAL BOLD ITALIC CAPITAL W ≈ <font> 0057 W latin capital letter w
1D47F	<b>X</b>	MATHEMATICAL BOLD ITALIC CAPITAL X ≈ <font> 0058 X latin capital letter x
1D480	<b>Y</b>	MATHEMATICAL BOLD ITALIC CAPITAL Y ≈ <font> 0059 Y latin capital letter y
1D481	<b>Z</b>	MATHEMATICAL BOLD ITALIC CAPITAL Z ≈ <font> 005A Z latin capital letter z
1D482	<b>a</b>	MATHEMATICAL BOLD ITALIC SMALL A ≈ <font> 0061 a latin small letter a
1D483	<b>b</b>	MATHEMATICAL BOLD ITALIC SMALL B ≈ <font> 0062 b latin small letter b
1D484	<b>c</b>	MATHEMATICAL BOLD ITALIC SMALL C ≈ <font> 0063 c latin small letter c
1D485	<b>d</b>	MATHEMATICAL BOLD ITALIC SMALL D ≈ <font> 0064 d latin small letter d
1D486	<b>e</b>	MATHEMATICAL BOLD ITALIC SMALL E ≈ <font> 0065 e latin small letter e
1D487	<b>f</b>	MATHEMATICAL BOLD ITALIC SMALL F ≈ <font> 0066 f latin small letter f
1D488	<b>g</b>	MATHEMATICAL BOLD ITALIC SMALL G ≈ <font> 0067 g latin small letter g
1D489	<b>h</b>	MATHEMATICAL BOLD ITALIC SMALL H ≈ <font> 0068 h latin small letter h
1D48A	<b>i</b>	MATHEMATICAL BOLD ITALIC SMALL I ≈ <font> 0069 i latin small letter i
1D48B	<b>j</b>	MATHEMATICAL BOLD ITALIC SMALL J ≈ <font> 006A j latin small letter j
1D48C	<b>k</b>	MATHEMATICAL BOLD ITALIC SMALL K ≈ <font> 006B k latin small letter k
1D48D	<b>l</b>	MATHEMATICAL BOLD ITALIC SMALL L ≈ <font> 006C l latin small letter l
1D48E	<b>m</b>	MATHEMATICAL BOLD ITALIC SMALL M ≈ <font> 006D m latin small letter m
1D48F	<b>n</b>	MATHEMATICAL BOLD ITALIC SMALL N ≈ <font> 006E n latin small letter n
1D490	<b>o</b>	MATHEMATICAL BOLD ITALIC SMALL O ≈ <font> 006F o latin small letter o
1D491	<b>p</b>	MATHEMATICAL BOLD ITALIC SMALL P ≈ <font> 0070 p latin small letter p
1D492	<b>q</b>	MATHEMATICAL BOLD ITALIC SMALL Q ≈ <font> 0071 q latin small letter q
1D493	<b>r</b>	MATHEMATICAL BOLD ITALIC SMALL R ≈ <font> 0072 r latin small letter r
1D494	<b>s</b>	MATHEMATICAL BOLD ITALIC SMALL S ≈ <font> 0073 s latin small letter s
1D495	<b>t</b>	MATHEMATICAL BOLD ITALIC SMALL T ≈ <font> 0074 t latin small letter t

1D496	<b>u</b>	MATHEMATICAL BOLD ITALIC SMALL U ≈ <font> 0075 u latin small letter u
1D497	<b>v</b>	MATHEMATICAL BOLD ITALIC SMALL V ≈ <font> 0076 v latin small letter v
1D498	<b>w</b>	MATHEMATICAL BOLD ITALIC SMALL W ≈ <font> 0077 w latin small letter w
1D499	<b>x</b>	MATHEMATICAL BOLD ITALIC SMALL X ≈ <font> 0078 x latin small letter x
1D49A	<b>y</b>	MATHEMATICAL BOLD ITALIC SMALL Y ≈ <font> 0079 y latin small letter y
1D49B	<b>z</b>	MATHEMATICAL BOLD ITALIC SMALL Z ≈ <font> 007A z latin small letter z

**Script symbols**

*Script symbols already encoded in the Letterlike Symbols block are omitted here to avoid duplicate encoding. Fonts that use a less elaborate style are also acceptable for many uses, as long as they can be distinguished from serifed and italic styles.*

1D49C	<b>A</b>	MATHEMATICAL SCRIPT CAPITAL A ≈ <font> 0041 A latin capital letter a
1D49D		<reserved> → 212C <b>B</b> script capital b
1D49E		MATHEMATICAL SCRIPT CAPITAL C ≈ <font> 0043 C latin capital letter c
1D49F		MATHEMATICAL SCRIPT CAPITAL D ≈ <font> 0044 D latin capital letter d
1D4A0		<reserved> → 2130 <b>E</b> script capital e
1D4A1		<reserved> → 2131 <b>F</b> script capital f
1D4A2		MATHEMATICAL SCRIPT CAPITAL G ≈ <font> 0047 G latin capital letter g
1D4A3		<reserved> → 210B <b>H</b> script capital h
1D4A4		<reserved> → 2110 <b>I</b> script capital i
1D4A5		MATHEMATICAL SCRIPT CAPITAL J ≈ <font> 004A J latin capital letter j
1D4A6		MATHEMATICAL SCRIPT CAPITAL K ≈ <font> 004B K latin capital letter k
1D4A7		<reserved> → 2112 <b>L</b> script capital l
1D4A8		<reserved> → 2133 <b>M</b> script capital m
1D4A9		MATHEMATICAL SCRIPT CAPITAL N ≈ <font> 004E N latin capital letter n
1D4AA		MATHEMATICAL SCRIPT CAPITAL O ≈ <font> 004F O latin capital letter o
1D4AB		MATHEMATICAL SCRIPT CAPITAL P = power set ≈ <font> 0050 P latin capital letter p
1D4AC		MATHEMATICAL SCRIPT CAPITAL Q ≈ <font> 0051 Q latin capital letter q
1D4AD		<reserved> → 211B <b>R</b> script capital r
1D4AE		MATHEMATICAL SCRIPT CAPITAL S ≈ <font> 0053 S latin capital letter s
1D4AF		MATHEMATICAL SCRIPT CAPITAL T ≈ <font> 0054 T latin capital letter t
1D4B0		MATHEMATICAL SCRIPT CAPITAL U ≈ <font> 0055 U latin capital letter u
1D4B1		MATHEMATICAL SCRIPT CAPITAL V ≈ <font> 0056 V latin capital letter v

1D4B2	<b>W</b>	MATHEMATICAL SCRIPT CAPITAL W	$\approx \text{<font> } 0057 \text{ W}$	latin capital letter w
1D4B3	<b>X</b>	MATHEMATICAL SCRIPT CAPITAL X	$\approx \text{<font> } 0058 \text{ X}$	latin capital letter x
1D4B4	<b>Y</b>	MATHEMATICAL SCRIPT CAPITAL Y	$\approx \text{<font> } 0059 \text{ Y}$	latin capital letter y
1D4B5	<b>Z</b>	MATHEMATICAL SCRIPT CAPITAL Z	$\approx \text{<font> } 005A \text{ Z}$	latin capital letter z
1D4B6	<b>a</b>	MATHEMATICAL SCRIPT SMALL A	$\approx \text{<font> } 0061 \text{ a}$	latin small letter a
1D4B7	<b>b</b>	MATHEMATICAL SCRIPT SMALL B	$\approx \text{<font> } 0062 \text{ b}$	latin small letter b
1D4B8	<b>c</b>	MATHEMATICAL SCRIPT SMALL C	$\approx \text{<font> } 0063 \text{ c}$	latin small letter c
1D4B9	<b>d</b>	MATHEMATICAL SCRIPT SMALL D	$\approx \text{<font> } 0064 \text{ d}$	latin small letter d
1D4BA	<b>e</b>	<reserved>	$\rightarrow 212F \text{ e}$	script small e
1D4BB	<b>f</b>	MATHEMATICAL SCRIPT SMALL F	$\approx \text{<font> } 0066 \text{ f}$	latin small letter f
1D4BC	<b>g</b>	<reserved>	$\rightarrow 210A \text{ g}$	script small g
1D4BD	<b>h</b>	MATHEMATICAL SCRIPT SMALL H	$\approx \text{<font> } 0068 \text{ h}$	latin small letter h
1D4BE	<b>i</b>	MATHEMATICAL SCRIPT SMALL I	$\approx \text{<font> } 0069 \text{ i}$	latin small letter i
1D4BF	<b>j</b>	MATHEMATICAL SCRIPT SMALL J	$\approx \text{<font> } 006A \text{ j}$	latin small letter j
1D4C0	<b>k</b>	MATHEMATICAL SCRIPT SMALL K	$\approx \text{<font> } 006B \text{ k}$	latin small letter k
1D4C1	<b>l</b>	MATHEMATICAL SCRIPT SMALL L	$\rightarrow 2113 \text{ l}$	script small l
1D4C2	<b>m</b>	MATHEMATICAL SCRIPT SMALL M	$\approx \text{<font> } 006C \text{ l}$	latin small letter l
1D4C3	<b>n</b>	MATHEMATICAL SCRIPT SMALL N	$\approx \text{<font> } 006E \text{ n}$	latin small letter n
1D4C4	<b>o</b>	<reserved>	$\rightarrow 2134 \text{ o}$	script small o
1D4C5	<b>p</b>	MATHEMATICAL SCRIPT SMALL P	$\approx \text{<font> } 0070 \text{ p}$	latin small letter p
1D4C6	<b>q</b>	MATHEMATICAL SCRIPT SMALL Q	$\approx \text{<font> } 0071 \text{ q}$	latin small letter q
1D4C7	<b>r</b>	MATHEMATICAL SCRIPT SMALL R	$\approx \text{<font> } 0072 \text{ r}$	latin small letter r
1D4C8	<b>s</b>	MATHEMATICAL SCRIPT SMALL S	$\approx \text{<font> } 0073 \text{ s}$	latin small letter s
1D4C9	<b>t</b>	MATHEMATICAL SCRIPT SMALL T	$\approx \text{<font> } 0074 \text{ t}$	latin small letter t
1D4CA	<b>u</b>	MATHEMATICAL SCRIPT SMALL U	$\approx \text{<font> } 0075 \text{ u}$	latin small letter u
1D4CB	<b>v</b>	MATHEMATICAL SCRIPT SMALL V	$\approx \text{<font> } 0076 \text{ v}$	latin small letter v
1D4CC	<b>w</b>	MATHEMATICAL SCRIPT SMALL W	$\approx \text{<font> } 0077 \text{ w}$	latin small letter w
1D4CD	<b>x</b>	MATHEMATICAL SCRIPT SMALL X	$\approx \text{<font> } 0078 \text{ x}$	latin small letter x
1D4CE	<b>y</b>	MATHEMATICAL SCRIPT SMALL Y	$\approx \text{<font> } 0079 \text{ y}$	latin small letter y
1D4CF	<b>z</b>	MATHEMATICAL SCRIPT SMALL Z	$\approx \text{<font> } 007A \text{ z}$	latin small letter z

**Bold script symbols**

1D4D0	<b>A</b>	MATHEMATICAL BOLD SCRIPT CAPITAL A	$\approx \text{<font> } 0041 \text{ A}$	latin capital letter a
1D4D1	<b>B</b>	MATHEMATICAL BOLD SCRIPT CAPITAL B	$\approx \text{<font> } 0042 \text{ B}$	latin capital letter b
1D4D2	<b>C</b>	MATHEMATICAL BOLD SCRIPT CAPITAL C	$\approx \text{<font> } 0043 \text{ C}$	latin capital letter c
1D4D3	<b>D</b>	MATHEMATICAL BOLD SCRIPT CAPITAL D	$\approx \text{<font> } 0044 \text{ D}$	latin capital letter d
1D4D4	<b>E</b>	MATHEMATICAL BOLD SCRIPT CAPITAL E	$\approx \text{<font> } 0045 \text{ E}$	latin capital letter e
1D4D5	<b>F</b>	MATHEMATICAL BOLD SCRIPT CAPITAL F	$\approx \text{<font> } 0046 \text{ F}$	latin capital letter f
1D4D6	<b>G</b>	MATHEMATICAL BOLD SCRIPT CAPITAL G	$\approx \text{<font> } 0047 \text{ G}$	latin capital letter g
1D4D7	<b>H</b>	MATHEMATICAL BOLD SCRIPT CAPITAL H	$\approx \text{<font> } 0048 \text{ H}$	latin capital letter h
1D4D8	<b>I</b>	MATHEMATICAL BOLD SCRIPT CAPITAL I	$\approx \text{<font> } 0049 \text{ I}$	latin capital letter i
1D4D9	<b>J</b>	MATHEMATICAL BOLD SCRIPT CAPITAL J	$\approx \text{<font> } 004A \text{ J}$	latin capital letter j
1D4DA	<b>K</b>	MATHEMATICAL BOLD SCRIPT CAPITAL K	$\approx \text{<font> } 004B \text{ K}$	latin capital letter k
1D4DB	<b>L</b>	MATHEMATICAL BOLD SCRIPT CAPITAL L	$\approx \text{<font> } 004C \text{ L}$	latin capital letter l
1D4DC	<b>M</b>	MATHEMATICAL BOLD SCRIPT CAPITAL M	$\approx \text{<font> } 004D \text{ M}$	latin capital letter m
1D4DD	<b>N</b>	MATHEMATICAL BOLD SCRIPT CAPITAL N	$\approx \text{<font> } 004E \text{ N}$	latin capital letter n
1D4DE	<b>O</b>	MATHEMATICAL BOLD SCRIPT CAPITAL O	$\approx \text{<font> } 004F \text{ O}$	latin capital letter o
1D4DF	<b>P</b>	MATHEMATICAL BOLD SCRIPT CAPITAL P	$\approx \text{<font> } 0050 \text{ P}$	latin capital letter p
1D4E0	<b>Q</b>	MATHEMATICAL BOLD SCRIPT CAPITAL Q	$\approx \text{<font> } 0051 \text{ Q}$	latin capital letter q
1D4E1	<b>R</b>	MATHEMATICAL BOLD SCRIPT CAPITAL R	$\approx \text{<font> } 0052 \text{ R}$	latin capital letter r
1D4E2	<b>S</b>	MATHEMATICAL BOLD SCRIPT CAPITAL S	$\approx \text{<font> } 0053 \text{ S}$	latin capital letter s
1D4E3	<b>T</b>	MATHEMATICAL BOLD SCRIPT CAPITAL T	$\approx \text{<font> } 0054 \text{ T}$	latin capital letter t
1D4E4	<b>U</b>	MATHEMATICAL BOLD SCRIPT CAPITAL U	$\approx \text{<font> } 0055 \text{ U}$	latin capital letter u
1D4E5	<b>V</b>	MATHEMATICAL BOLD SCRIPT CAPITAL V	$\approx \text{<font> } 0056 \text{ V}$	latin capital letter v
1D4E6	<b>W</b>	MATHEMATICAL BOLD SCRIPT CAPITAL W	$\approx \text{<font> } 0057 \text{ W}$	latin capital letter w
1D4E7	<b>X</b>	MATHEMATICAL BOLD SCRIPT CAPITAL X	$\approx \text{<font> } 0058 \text{ X}$	latin capital letter x
1D4E8	<b>Y</b>	MATHEMATICAL BOLD SCRIPT CAPITAL Y	$\approx \text{<font> } 0059 \text{ Y}$	latin capital letter y
1D4E9	<b>Z</b>	MATHEMATICAL BOLD SCRIPT CAPITAL Z	$\approx \text{<font> } 005A \text{ Z}$	latin capital letter z
1D4EA	<b>a</b>	MATHEMATICAL BOLD SCRIPT SMALL A	$\approx \text{<font> } 0061 \text{ a}$	latin small letter a
1D4EB	<b>b</b>	MATHEMATICAL BOLD SCRIPT SMALL B	$\approx \text{<font> } 0062 \text{ b}$	latin small letter b
1D4EC	<b>c</b>	MATHEMATICAL BOLD SCRIPT SMALL C	$\approx \text{<font> } 0063 \text{ c}$	latin small letter c
1D4ED	<b>d</b>	MATHEMATICAL BOLD SCRIPT SMALL D	$\approx \text{<font> } 0064 \text{ d}$	latin small letter d

1D4EE

## Mathematical Alphanumeric Symbols

1D528

1D4EE	<b>e</b>	MATHEMATICAL BOLD SCRIPT SMALL E ≈ <font> 0065 e latin small letter e
1D4EF	<b>f</b>	MATHEMATICAL BOLD SCRIPT SMALL F ≈ <font> 0066 f latin small letter f
1D4F0	<b>g</b>	MATHEMATICAL BOLD SCRIPT SMALL G ≈ <font> 0067 g latin small letter g
1D4F1	<b>h</b>	MATHEMATICAL BOLD SCRIPT SMALL H ≈ <font> 0068 h latin small letter h
1D4F2	<b>i</b>	MATHEMATICAL BOLD SCRIPT SMALL I ≈ <font> 0069 i latin small letter i
1D4F3	<b>j</b>	MATHEMATICAL BOLD SCRIPT SMALL J ≈ <font> 006A j latin small letter j
1D4F4	<b>k</b>	MATHEMATICAL BOLD SCRIPT SMALL K ≈ <font> 006B k latin small letter k
1D4F5	<b>l</b>	MATHEMATICAL BOLD SCRIPT SMALL L ≈ <font> 006C l latin small letter l
1D4F6	<b>m</b>	MATHEMATICAL BOLD SCRIPT SMALL M ≈ <font> 006D m latin small letter m
1D4F7	<b>n</b>	MATHEMATICAL BOLD SCRIPT SMALL N ≈ <font> 006E n latin small letter n
1D4F8	<b>o</b>	MATHEMATICAL BOLD SCRIPT SMALL O ≈ <font> 006F o latin small letter o
1D4F9	<b>p</b>	MATHEMATICAL BOLD SCRIPT SMALL P ≈ <font> 0070 p latin small letter p
1D4FA	<b>q</b>	MATHEMATICAL BOLD SCRIPT SMALL Q ≈ <font> 0071 q latin small letter q
1D4FB	<b>r</b>	MATHEMATICAL BOLD SCRIPT SMALL R ≈ <font> 0072 r latin small letter r
1D4FC	<b>s</b>	MATHEMATICAL BOLD SCRIPT SMALL S ≈ <font> 0073 s latin small letter s
1D4FD	<b>t</b>	MATHEMATICAL BOLD SCRIPT SMALL T ≈ <font> 0074 t latin small letter t
1D4FE	<b>u</b>	MATHEMATICAL BOLD SCRIPT SMALL U ≈ <font> 0075 u latin small letter u
1D4FF	<b>v</b>	MATHEMATICAL BOLD SCRIPT SMALL V ≈ <font> 0076 v latin small letter v
1D500	<b>w</b>	MATHEMATICAL BOLD SCRIPT SMALL W ≈ <font> 0077 w latin small letter w
1D501	<b>x</b>	MATHEMATICAL BOLD SCRIPT SMALL X ≈ <font> 0078 x latin small letter x
1D502	<b>y</b>	MATHEMATICAL BOLD SCRIPT SMALL Y ≈ <font> 0079 y latin small letter y
1D503	<b>z</b>	MATHEMATICAL BOLD SCRIPT SMALL Z ≈ <font> 007A z latin small letter z

**Fraktur symbols**

This style is sometimes known as black-letter. Black-letter symbols already encoded in the Letterlike Symbols block are omitted here to avoid duplicate encoding.

1D504	<b>A</b>	MATHEMATICAL FRAKTUR CAPITAL A ≈ <font> 0041 A latin capital letter a
1D505	<b>B</b>	MATHEMATICAL FRAKTUR CAPITAL B ≈ <font> 0042 B latin capital letter b
1D506	<b>C</b>	<reserved> → 212D C black-letter capital c
1D507	<b>D</b>	MATHEMATICAL FRAKTUR CAPITAL D ≈ <font> 0044 D latin capital letter d
1D508	<b>E</b>	MATHEMATICAL FRAKTUR CAPITAL E ≈ <font> 0045 E latin capital letter e
1D509	<b>F</b>	MATHEMATICAL FRAKTUR CAPITAL F ≈ <font> 0046 F latin capital letter f
1D50A	<b>G</b>	MATHEMATICAL FRAKTUR CAPITAL G ≈ <font> 0047 G latin capital letter g

1D50B	<b>H</b>	<reserved> → 210C H black-letter capital h
1D50C	<b>I</b>	<reserved> → 2111 I black-letter capital i
1D50D	<b>J</b>	MATHEMATICAL FRAKTUR CAPITAL J ≈ <font> 004A J latin capital letter j
1D50E	<b>K</b>	MATHEMATICAL FRAKTUR CAPITAL K ≈ <font> 004B K latin capital letter k
1D50F	<b>L</b>	MATHEMATICAL FRAKTUR CAPITAL L ≈ <font> 004C L latin capital letter l
1D510	<b>M</b>	MATHEMATICAL FRAKTUR CAPITAL M = New Testament majority text ≈ <font> 004D M latin capital letter m
1D511	<b>N</b>	MATHEMATICAL FRAKTUR CAPITAL N ≈ <font> 004E N latin capital letter n
1D512	<b>O</b>	MATHEMATICAL FRAKTUR CAPITAL O ≈ <font> 004F O latin capital letter o
1D513	<b>P</b>	MATHEMATICAL FRAKTUR CAPITAL P ≈ <font> 0050 P latin capital letter p
1D514	<b>Q</b>	MATHEMATICAL FRAKTUR CAPITAL Q ≈ <font> 0051 Q latin capital letter q
1D515	<b>R</b>	<reserved> → 211C R black-letter capital r
1D516	<b>S</b>	MATHEMATICAL FRAKTUR CAPITAL S = Septuagint, Greek Old Testament ≈ <font> 0053 S latin capital letter s
1D517	<b>T</b>	MATHEMATICAL FRAKTUR CAPITAL T ≈ <font> 0054 T latin capital letter t
1D518	<b>U</b>	MATHEMATICAL FRAKTUR CAPITAL U ≈ <font> 0055 U latin capital letter u
1D519	<b>V</b>	MATHEMATICAL FRAKTUR CAPITAL V ≈ <font> 0056 V latin capital letter v
1D51A	<b>W</b>	MATHEMATICAL FRAKTUR CAPITAL W ≈ <font> 0057 W latin capital letter w
1D51B	<b>X</b>	MATHEMATICAL FRAKTUR CAPITAL X ≈ <font> 0058 X latin capital letter x
1D51C	<b>Y</b>	MATHEMATICAL FRAKTUR CAPITAL Y ≈ <font> 0059 Y latin capital letter y
1D51D	<b>Z</b>	<reserved> → 2128 Z black-letter capital z
1D51E	<b>a</b>	MATHEMATICAL FRAKTUR SMALL A ≈ <font> 0061 a latin small letter a
1D51F	<b>b</b>	MATHEMATICAL FRAKTUR SMALL B ≈ <font> 0062 b latin small letter b
1D520	<b>c</b>	MATHEMATICAL FRAKTUR SMALL C ≈ <font> 0063 c latin small letter c
1D521	<b>d</b>	MATHEMATICAL FRAKTUR SMALL D ≈ <font> 0064 d latin small letter d
1D522	<b>e</b>	MATHEMATICAL FRAKTUR SMALL E ≈ <font> 0065 e latin small letter e
1D523	<b>f</b>	MATHEMATICAL FRAKTUR SMALL F ≈ <font> 0066 f latin small letter f
1D524	<b>g</b>	MATHEMATICAL FRAKTUR SMALL G ≈ <font> 0067 g latin small letter g
1D525	<b>h</b>	MATHEMATICAL FRAKTUR SMALL H ≈ <font> 0068 h latin small letter h
1D526	<b>i</b>	MATHEMATICAL FRAKTUR SMALL I ≈ <font> 0069 i latin small letter i
1D527	<b>j</b>	MATHEMATICAL FRAKTUR SMALL J ≈ <font> 006A j latin small letter j
1D528	<b>k</b>	MATHEMATICAL FRAKTUR SMALL K ≈ <font> 006B k latin small letter k

1D529	l	MATHEMATICAL FRAKTUR SMALL L	$\approx \langle\text{font}\rangle 006C l$	latin small letter l
1D52A	m	MATHEMATICAL FRAKTUR SMALL M	$\approx \langle\text{font}\rangle 006D m$	latin small letter m
1D52B	n	MATHEMATICAL FRAKTUR SMALL N	$\approx \langle\text{font}\rangle 006E n$	latin small letter n
1D52C	o	MATHEMATICAL FRAKTUR SMALL O	$\approx \langle\text{font}\rangle 006F o$	latin small letter o
1D52D	p	MATHEMATICAL FRAKTUR SMALL P	$\approx \langle\text{font}\rangle 0070 p$	latin small letter p
1D52E	q	MATHEMATICAL FRAKTUR SMALL Q	$\approx \langle\text{font}\rangle 0071 q$	latin small letter q
1D52F	r	MATHEMATICAL FRAKTUR SMALL R	$\approx \langle\text{font}\rangle 0072 r$	latin small letter r
1D530	s	MATHEMATICAL FRAKTUR SMALL S	$\approx \langle\text{font}\rangle 0073 s$	latin small letter s
1D531	t	MATHEMATICAL FRAKTUR SMALL T	$\approx \langle\text{font}\rangle 0074 t$	latin small letter t
1D532	u	MATHEMATICAL FRAKTUR SMALL U	$\approx \langle\text{font}\rangle 0075 u$	latin small letter u
1D533	v	MATHEMATICAL FRAKTUR SMALL V	$\approx \langle\text{font}\rangle 0076 v$	latin small letter v
1D534	w	MATHEMATICAL FRAKTUR SMALL W	$\approx \langle\text{font}\rangle 0077 w$	latin small letter w
1D535	x	MATHEMATICAL FRAKTUR SMALL X	$\approx \langle\text{font}\rangle 0078 x$	latin small letter x
1D536	y	MATHEMATICAL FRAKTUR SMALL Y	$\approx \langle\text{font}\rangle 0079 y$	latin small letter y
1D537	z	MATHEMATICAL FRAKTUR SMALL Z	$\approx \langle\text{font}\rangle 007A z$	latin small letter z

#### Double-struck symbols

This style is sometimes known as open-face or blackboard-bold. Double-struck symbols already encoded in the Letterlike Symbols block and omitted here to avoid duplicate encoding. Considerable variation in font style is acceptable, as long as the glyphs retain the visual element of doubled strokes.

1D538	A	MATHEMATICAL DOUBLE-STRUCK CAPITAL A	• a glyph variant with doubled stroke on the right exists	$\approx \langle\text{font}\rangle 0041 A$	latin capital letter a
1D539	B	MATHEMATICAL DOUBLE-STRUCK CAPITAL B	$\approx \langle\text{font}\rangle 0042 B$	latin capital letter b	
1D53A	ℳ	<reserved>	$\rightarrow 2102 C$	double-struck capital c	
1D53B	ℳ	MATHEMATICAL DOUBLE-STRUCK CAPITAL D	$\approx \langle\text{font}\rangle 0044 D$	latin capital letter d	
1D53C	ℳ	MATHEMATICAL DOUBLE-STRUCK CAPITAL E	$\approx \langle\text{font}\rangle 0045 E$	latin capital letter e	
1D53D	ℳ	MATHEMATICAL DOUBLE-STRUCK CAPITAL F	$\approx \langle\text{font}\rangle 0046 F$	latin capital letter f	
1D53E	ℳ	MATHEMATICAL DOUBLE-STRUCK CAPITAL G	$\approx \langle\text{font}\rangle 0047 G$	latin capital letter g	
1D53F	ℳ	<reserved>	$\rightarrow 210D H$	double-struck capital h	
1D540	ℳ	MATHEMATICAL DOUBLE-STRUCK CAPITAL I	$\approx \langle\text{font}\rangle 0049 I$	latin capital letter i	
1D541	ℳ	MATHEMATICAL DOUBLE-STRUCK CAPITAL J	$\approx \langle\text{font}\rangle 004A J$	latin capital letter j	
1D542	ℳ	MATHEMATICAL DOUBLE-STRUCK CAPITAL K	$\approx \langle\text{font}\rangle 004B K$	latin capital letter k	
1D543	ℳ	MATHEMATICAL DOUBLE-STRUCK CAPITAL L	$\approx \langle\text{font}\rangle 004C L$	latin capital letter l	

1D544	M	MATHEMATICAL DOUBLE-STRUCK CAPITAL M	$\approx \langle\text{font}\rangle 004D M$	latin capital letter m
1D545	ℳ	<reserved>	$\rightarrow 2115 N$	double-struck capital n
1D546	ℳ	MATHEMATICAL DOUBLE-STRUCK CAPITAL O	$\approx \langle\text{font}\rangle 004F O$	latin capital letter o
1D547	ℳ	<reserved>	$\rightarrow 2119 P$	double-struck capital p
1D548	ℳ	<reserved>	$\rightarrow 211A Q$	double-struck capital q
1D549	ℳ	<reserved>	$\rightarrow 211D R$	double-struck capital r
1D54A	ℳ	MATHEMATICAL DOUBLE-STRUCK CAPITAL S	$\approx \langle\text{font}\rangle 0053 S$	latin capital letter s
1D54B	ℳ	MATHEMATICAL DOUBLE-STRUCK CAPITAL T	$\approx \langle\text{font}\rangle 0054 T$	latin capital letter t
1D54C	ℳ	MATHEMATICAL DOUBLE-STRUCK CAPITAL U	$\approx \langle\text{font}\rangle 0055 U$	latin capital letter u
1D54D	ℳ	MATHEMATICAL DOUBLE-STRUCK CAPITAL V	$\approx \langle\text{font}\rangle 0056 V$	latin capital letter v
1D54E	ℳ	MATHEMATICAL DOUBLE-STRUCK CAPITAL W	$\approx \langle\text{font}\rangle 0057 W$	latin capital letter w
1D54F	ℳ	MATHEMATICAL DOUBLE-STRUCK CAPITAL X	$\approx \langle\text{font}\rangle 0058 X$	latin capital letter x
1D550	ℳ	MATHEMATICAL DOUBLE-STRUCK CAPITAL Y	$\approx \langle\text{font}\rangle 0059 Y$	latin capital letter y
1D551	ℳ	<reserved>	$\rightarrow 2124 Z$	double-struck capital z
1D552	ℳ	MATHEMATICAL DOUBLE-STRUCK SMALL A	$\approx \langle\text{font}\rangle 0061 a$	latin small letter a
1D553	ℳ	MATHEMATICAL DOUBLE-STRUCK SMALL B	$\approx \langle\text{font}\rangle 0062 b$	latin small letter b
1D554	ℳ	MATHEMATICAL DOUBLE-STRUCK SMALL C	$\approx \langle\text{font}\rangle 0063 c$	latin small letter c
1D555	ℳ	MATHEMATICAL DOUBLE-STRUCK SMALL D	$\approx \langle\text{font}\rangle 0064 d$	latin small letter d
1D556	ℳ	MATHEMATICAL DOUBLE-STRUCK SMALL E	$\approx \langle\text{font}\rangle 0065 e$	latin small letter e
1D557	ℳ	MATHEMATICAL DOUBLE-STRUCK SMALL F	$\approx \langle\text{font}\rangle 0066 f$	latin small letter f
1D558	ℳ	MATHEMATICAL DOUBLE-STRUCK SMALL G	$\approx \langle\text{font}\rangle 0067 g$	latin small letter g
1D559	ℳ	MATHEMATICAL DOUBLE-STRUCK SMALL H	$\approx \langle\text{font}\rangle 0068 h$	latin small letter h
1D55A	ℳ	MATHEMATICAL DOUBLE-STRUCK SMALL I	$\approx \langle\text{font}\rangle 0069 i$	latin small letter i
1D55B	ℳ	MATHEMATICAL DOUBLE-STRUCK SMALL J	$\approx \langle\text{font}\rangle 006A j$	latin small letter j
1D55C	ℳ	MATHEMATICAL DOUBLE-STRUCK SMALL K	$\approx \langle\text{font}\rangle 006B k$	latin small letter k
1D55D	ℳ	MATHEMATICAL DOUBLE-STRUCK SMALL L	$\approx \langle\text{font}\rangle 006C l$	latin small letter l
1D55E	ℳ	MATHEMATICAL DOUBLE-STRUCK SMALL M	$\approx \langle\text{font}\rangle 006D m$	latin small letter m
1D55F	ℳ	MATHEMATICAL DOUBLE-STRUCK SMALL N	$\approx \langle\text{font}\rangle 006E n$	latin small letter n
1D560	ℳ	MATHEMATICAL DOUBLE-STRUCK SMALL O	$\approx \langle\text{font}\rangle 006F o$	latin small letter o
1D561	ℳ	MATHEMATICAL DOUBLE-STRUCK SMALL P	$\approx \langle\text{font}\rangle 0070 p$	latin small letter p
1D562	ℳ	MATHEMATICAL DOUBLE-STRUCK SMALL Q	$\approx \langle\text{font}\rangle 0071 q$	latin small letter q

1D563

## Mathematical Alphanumeric Symbols

1D59F

1D563	<b>r</b>	MATHEMATICAL DOUBLE-STRUCK SMALL R ≈ <font> 0072 r latin small letter r
1D564	<b>s</b>	MATHEMATICAL DOUBLE-STRUCK SMALL S ≈ <font> 0073 s latin small letter s
1D565	<b>t</b>	MATHEMATICAL DOUBLE-STRUCK SMALL T ≈ <font> 0074 t latin small letter t
1D566	<b>u</b>	MATHEMATICAL DOUBLE-STRUCK SMALL U ≈ <font> 0075 u latin small letter u
1D567	<b>v</b>	MATHEMATICAL DOUBLE-STRUCK SMALL V ≈ <font> 0076 v latin small letter v
1D568	<b>w</b>	MATHEMATICAL DOUBLE-STRUCK SMALL W ≈ <font> 0077 w latin small letter w
1D569	<b>x</b>	MATHEMATICAL DOUBLE-STRUCK SMALL X ≈ <font> 0078 x latin small letter x
1D56A	<b>y</b>	MATHEMATICAL DOUBLE-STRUCK SMALL Y ≈ <font> 0079 y latin small letter y
1D56B	<b>z</b>	MATHEMATICAL DOUBLE-STRUCK SMALL Z ≈ <font> 007A z latin small letter z

**Bold Fraktur symbols**

1D56C	<b>॥</b>	MATHEMATICAL BOLD FRAKTUR CAPITAL A ≈ <font> 0041 A latin capital letter a
1D56D	<b>॥</b>	MATHEMATICAL BOLD FRAKTUR CAPITAL B ≈ <font> 0042 B latin capital letter b
1D56E	<b>॥</b>	MATHEMATICAL BOLD FRAKTUR CAPITAL C ≈ <font> 0043 C latin capital letter c
1D56F	<b>॥</b>	MATHEMATICAL BOLD FRAKTUR CAPITAL D ≈ <font> 0044 D latin capital letter d
1D570	<b>॥</b>	MATHEMATICAL BOLD FRAKTUR CAPITAL E ≈ <font> 0045 E latin capital letter e
1D571	<b>॥</b>	MATHEMATICAL BOLD FRAKTUR CAPITAL F ≈ <font> 0046 F latin capital letter f
1D572	<b>॥</b>	MATHEMATICAL BOLD FRAKTUR CAPITAL G ≈ <font> 0047 G latin capital letter g
1D573	<b>॥</b>	MATHEMATICAL BOLD FRAKTUR CAPITAL H ≈ <font> 0048 H latin capital letter h
1D574	<b>॥</b>	MATHEMATICAL BOLD FRAKTUR CAPITAL I ≈ <font> 0049 I latin capital letter i
1D575	<b>॥</b>	MATHEMATICAL BOLD FRAKTUR CAPITAL J ≈ <font> 004A J latin capital letter j
1D576	<b>॥</b>	MATHEMATICAL BOLD FRAKTUR CAPITAL K ≈ <font> 004B K latin capital letter k
1D577	<b>॥</b>	MATHEMATICAL BOLD FRAKTUR CAPITAL L ≈ <font> 004C L latin capital letter l
1D578	<b>॥</b>	MATHEMATICAL BOLD FRAKTUR CAPITAL M ≈ <font> 004D M latin capital letter m
1D579	<b>॥</b>	MATHEMATICAL BOLD FRAKTUR CAPITAL N ≈ <font> 004E N latin capital letter n
1D57A	<b>॥</b>	MATHEMATICAL BOLD FRAKTUR CAPITAL O ≈ <font> 004F O latin capital letter o
1D57B	<b>॥</b>	MATHEMATICAL BOLD FRAKTUR CAPITAL P ≈ <font> 0050 P latin capital letter p
1D57C	<b>॥</b>	MATHEMATICAL BOLD FRAKTUR CAPITAL Q ≈ <font> 0051 Q latin capital letter q
1D57D	<b>॥</b>	MATHEMATICAL BOLD FRAKTUR CAPITAL R ≈ <font> 0052 R latin capital letter r
1D57E	<b>॥</b>	MATHEMATICAL BOLD FRAKTUR CAPITAL S ≈ <font> 0053 S latin capital letter s
1D57F	<b>॥</b>	MATHEMATICAL BOLD FRAKTUR CAPITAL T ≈ <font> 0054 T latin capital letter t
1D580	<b>॥</b>	MATHEMATICAL BOLD FRAKTUR CAPITAL U ≈ <font> 0055 U latin capital letter u

1D581	<b>॥</b>	MATHEMATICAL BOLD FRAKTUR CAPITAL V ≈ <font> 0056 V latin capital letter v
1D582	<b>॥</b>	MATHEMATICAL BOLD FRAKTUR CAPITAL W ≈ <font> 0057 W latin capital letter w
1D583	<b>॥</b>	MATHEMATICAL BOLD FRAKTUR CAPITAL X ≈ <font> 0058 X latin capital letter x
1D584	<b>॥</b>	MATHEMATICAL BOLD FRAKTUR CAPITAL Y ≈ <font> 0059 Y latin capital letter y
1D585	<b>॥</b>	MATHEMATICAL BOLD FRAKTUR CAPITAL Z ≈ <font> 005A Z latin capital letter z
1D586	<b>॥</b>	MATHEMATICAL BOLD FRAKTUR SMALL A ≈ <font> 0061 a latin small letter a
1D587	<b>॥</b>	MATHEMATICAL BOLD FRAKTUR SMALL B ≈ <font> 0062 b latin small letter b
1D588	<b>॥</b>	MATHEMATICAL BOLD FRAKTUR SMALL C ≈ <font> 0063 c latin small letter c
1D589	<b>॥</b>	MATHEMATICAL BOLD FRAKTUR SMALL D ≈ <font> 0064 d latin small letter d
1D58A	<b>॥</b>	MATHEMATICAL BOLD FRAKTUR SMALL E ≈ <font> 0065 e latin small letter e
1D58B	<b>॥</b>	MATHEMATICAL BOLD FRAKTUR SMALL F ≈ <font> 0066 f latin small letter f
1D58C	<b>॥</b>	MATHEMATICAL BOLD FRAKTUR SMALL G ≈ <font> 0067 g latin small letter g
1D58D	<b>॥</b>	MATHEMATICAL BOLD FRAKTUR SMALL H ≈ <font> 0068 h latin small letter h
1D58E	<b>॥</b>	MATHEMATICAL BOLD FRAKTUR SMALL I ≈ <font> 0069 i latin small letter i
1D58F	<b>॥</b>	MATHEMATICAL BOLD FRAKTUR SMALL J ≈ <font> 006A j latin small letter j
1D590	<b>॥</b>	MATHEMATICAL BOLD FRAKTUR SMALL K ≈ <font> 006B k latin small letter k
1D591	<b>॥</b>	MATHEMATICAL BOLD FRAKTUR SMALL L ≈ <font> 006C l latin small letter l
1D592	<b>॥</b>	MATHEMATICAL BOLD FRAKTUR SMALL M ≈ <font> 006D m latin small letter m
1D593	<b>॥</b>	MATHEMATICAL BOLD FRAKTUR SMALL N ≈ <font> 006E n latin small letter n
1D594	<b>॥</b>	MATHEMATICAL BOLD FRAKTUR SMALL O ≈ <font> 006F o latin small letter o
1D595	<b>॥</b>	MATHEMATICAL BOLD FRAKTUR SMALL P ≈ <font> 0070 p latin small letter p
1D596	<b>॥</b>	MATHEMATICAL BOLD FRAKTUR SMALL Q ≈ <font> 0071 q latin small letter q
1D597	<b>॥</b>	MATHEMATICAL BOLD FRAKTUR SMALL R ≈ <font> 0072 r latin small letter r
1D598	<b>॥</b>	MATHEMATICAL BOLD FRAKTUR SMALL S ≈ <font> 0073 s latin small letter s
1D599	<b>॥</b>	MATHEMATICAL BOLD FRAKTUR SMALL T ≈ <font> 0074 t latin small letter t
1D59A	<b>॥</b>	MATHEMATICAL BOLD FRAKTUR SMALL U ≈ <font> 0075 u latin small letter u
1D59B	<b>॥</b>	MATHEMATICAL BOLD FRAKTUR SMALL V ≈ <font> 0076 v latin small letter v
1D59C	<b>॥</b>	MATHEMATICAL BOLD FRAKTUR SMALL W ≈ <font> 0077 w latin small letter w
1D59D	<b>॥</b>	MATHEMATICAL BOLD FRAKTUR SMALL X ≈ <font> 0078 x latin small letter x
1D59E	<b>॥</b>	MATHEMATICAL BOLD FRAKTUR SMALL Y ≈ <font> 0079 y latin small letter y
1D59F	<b>॥</b>	MATHEMATICAL BOLD FRAKTUR SMALL Z ≈ <font> 007A z latin small letter z

**Sans-serif symbols**

1D5A0	A	MATHEMATICAL SANS-SERIF CAPITAL A ≈ <font> 0041 A latin capital letter a
1D5A1	B	MATHEMATICAL SANS-SERIF CAPITAL B ≈ <font> 0042 B latin capital letter b
1D5A2	C	MATHEMATICAL SANS-SERIF CAPITAL C ≈ <font> 0043 C latin capital letter c
1D5A3	D	MATHEMATICAL SANS-SERIF CAPITAL D ≈ <font> 0044 D latin capital letter d
1D5A4	E	MATHEMATICAL SANS-SERIF CAPITAL E ≈ <font> 0045 E latin capital letter e
1D5A5	F	MATHEMATICAL SANS-SERIF CAPITAL F ≈ <font> 0046 F latin capital letter f
1D5A6	G	MATHEMATICAL SANS-SERIF CAPITAL G ≈ <font> 0047 G latin capital letter g
1D5A7	H	MATHEMATICAL SANS-SERIF CAPITAL H ≈ <font> 0048 H latin capital letter h
1D5A8	I	MATHEMATICAL SANS-SERIF CAPITAL I ≈ <font> 0049 I latin capital letter i
1D5A9	J	MATHEMATICAL SANS-SERIF CAPITAL J ≈ <font> 004A J latin capital letter j
1D5AA	K	MATHEMATICAL SANS-SERIF CAPITAL K ≈ <font> 004B K latin capital letter k
1D5AB	L	MATHEMATICAL SANS-SERIF CAPITAL L ≈ <font> 004C L latin capital letter l
1D5AC	M	MATHEMATICAL SANS-SERIF CAPITAL M ≈ <font> 004D M latin capital letter m
1D5AD	N	MATHEMATICAL SANS-SERIF CAPITAL N ≈ <font> 004E N latin capital letter n
1D5AE	O	MATHEMATICAL SANS-SERIF CAPITAL O ≈ <font> 004F O latin capital letter o
1D5AF	P	MATHEMATICAL SANS-SERIF CAPITAL P ≈ <font> 0050 P latin capital letter p
1D5B0	Q	MATHEMATICAL SANS-SERIF CAPITAL Q ≈ <font> 0051 Q latin capital letter q
1D5B1	R	MATHEMATICAL SANS-SERIF CAPITAL R ≈ <font> 0052 R latin capital letter r
1D5B2	S	MATHEMATICAL SANS-SERIF CAPITAL S ≈ <font> 0053 S latin capital letter s
1D5B3	T	MATHEMATICAL SANS-SERIF CAPITAL T ≈ <font> 0054 T latin capital letter t
1D5B4	U	MATHEMATICAL SANS-SERIF CAPITAL U ≈ <font> 0055 U latin capital letter u
1D5B5	V	MATHEMATICAL SANS-SERIF CAPITAL V ≈ <font> 0056 V latin capital letter v
1D5B6	W	MATHEMATICAL SANS-SERIF CAPITAL W ≈ <font> 0057 W latin capital letter w
1D5B7	X	MATHEMATICAL SANS-SERIF CAPITAL X ≈ <font> 0058 X latin capital letter x
1D5B8	Y	MATHEMATICAL SANS-SERIF CAPITAL Y ≈ <font> 0059 Y latin capital letter y
1D5B9	Z	MATHEMATICAL SANS-SERIF CAPITAL Z ≈ <font> 005A Z latin capital letter z
1D5BA	a	MATHEMATICAL SANS-SERIF SMALL A ≈ <font> 0061 a latin small letter a
1D5BB	b	MATHEMATICAL SANS-SERIF SMALL B ≈ <font> 0062 b latin small letter b
1D5BC	c	MATHEMATICAL SANS-SERIF SMALL C ≈ <font> 0063 c latin small letter c
1D5BD	d	MATHEMATICAL SANS-SERIF SMALL D ≈ <font> 0064 d latin small letter d

1D5BE	e	MATHEMATICAL SANS-SERIF SMALL E ≈ <font> 0065 e latin small letter e
1D5BF	f	MATHEMATICAL SANS-SERIF SMALL F ≈ <font> 0066 f latin small letter f
1D5C0	g	MATHEMATICAL SANS-SERIF SMALL G ≈ <font> 0067 g latin small letter g
1D5C1	h	MATHEMATICAL SANS-SERIF SMALL H ≈ <font> 0068 h latin small letter h
1D5C2	i	MATHEMATICAL SANS-SERIF SMALL I ≈ <font> 0069 i latin small letter i
1D5C3	j	MATHEMATICAL SANS-SERIF SMALL J ≈ <font> 006A j latin small letter j
1D5C4	k	MATHEMATICAL SANS-SERIF SMALL K ≈ <font> 006B k latin small letter k
1D5C5	l	MATHEMATICAL SANS-SERIF SMALL L ≈ <font> 006C l latin small letter l
1D5C6	m	MATHEMATICAL SANS-SERIF SMALL M ≈ <font> 006D m latin small letter m
1D5C7	n	MATHEMATICAL SANS-SERIF SMALL N ≈ <font> 006E n latin small letter n
1D5C8	o	MATHEMATICAL SANS-SERIF SMALL O ≈ <font> 006F o latin small letter o
1D5C9	p	MATHEMATICAL SANS-SERIF SMALL P ≈ <font> 0070 p latin small letter p
1D5CA	q	MATHEMATICAL SANS-SERIF SMALL Q ≈ <font> 0071 q latin small letter q
1D5CB	r	MATHEMATICAL SANS-SERIF SMALL R ≈ <font> 0072 r latin small letter r
1D5CC	s	MATHEMATICAL SANS-SERIF SMALL S ≈ <font> 0073 s latin small letter s
1D5CD	t	MATHEMATICAL SANS-SERIF SMALL T ≈ <font> 0074 t latin small letter t
1D5CE	u	MATHEMATICAL SANS-SERIF SMALL U ≈ <font> 0075 u latin small letter u
1D5CF	v	MATHEMATICAL SANS-SERIF SMALL V ≈ <font> 0076 v latin small letter v
1D5D0	w	MATHEMATICAL SANS-SERIF SMALL W ≈ <font> 0077 w latin small letter w
1D5D1	x	MATHEMATICAL SANS-SERIF SMALL X ≈ <font> 0078 x latin small letter x
1D5D2	y	MATHEMATICAL SANS-SERIF SMALL Y ≈ <font> 0079 y latin small letter y
1D5D3	z	MATHEMATICAL SANS-SERIF SMALL Z ≈ <font> 007A z latin small letter z

**Sans-serif bold symbols**

1D5D4	A	MATHEMATICAL SANS-SERIF BOLD CAPITAL A ≈ <font> 0041 A latin capital letter a
1D5D5	B	MATHEMATICAL SANS-SERIF BOLD CAPITAL B ≈ <font> 0042 B latin capital letter b
1D5D6	C	MATHEMATICAL SANS-SERIF BOLD CAPITAL C ≈ <font> 0043 C latin capital letter c
1D5D7	D	MATHEMATICAL SANS-SERIF BOLD CAPITAL D ≈ <font> 0044 D latin capital letter d
1D5D8	E	MATHEMATICAL SANS-SERIF BOLD CAPITAL E ≈ <font> 0045 E latin capital letter e
1D5D9	F	MATHEMATICAL SANS-SERIF BOLD CAPITAL F ≈ <font> 0046 F latin capital letter f
1D5DA	G	MATHEMATICAL SANS-SERIF BOLD CAPITAL G ≈ <font> 0047 G latin capital letter g
1D5DB	H	MATHEMATICAL SANS-SERIF BOLD CAPITAL H ≈ <font> 0048 H latin capital letter h

1D5DC	<b>I</b>	MATHEMATICAL SANS-SERIF BOLD CAPITAL I ≈ <font> 0049 I latin capital letter i	1D5FB	<b>n</b>	MATHEMATICAL SANS-SERIF BOLD SMALL N ≈ <font> 006E n latin small letter n
1D5DD	<b>J</b>	MATHEMATICAL SANS-SERIF BOLD CAPITAL J ≈ <font> 004A J latin capital letter j	1D5FC	<b>o</b>	MATHEMATICAL SANS-SERIF BOLD SMALL O ≈ <font> 006F o latin small letter o
1D5DE	<b>K</b>	MATHEMATICAL SANS-SERIF BOLD CAPITAL K ≈ <font> 004B K latin capital letter k	1D5FD	<b>p</b>	MATHEMATICAL SANS-SERIF BOLD SMALL P ≈ <font> 0070 p latin small letter p
1D5DF	<b>L</b>	MATHEMATICAL SANS-SERIF BOLD CAPITAL L ≈ <font> 004C L latin capital letter l	1D5FE	<b>q</b>	MATHEMATICAL SANS-SERIF BOLD SMALL Q ≈ <font> 0071 q latin small letter q
1D5E0	<b>M</b>	MATHEMATICAL SANS-SERIF BOLD CAPITAL M ≈ <font> 004D M latin capital letter m	1D5FF	<b>r</b>	MATHEMATICAL SANS-SERIF BOLD SMALL R ≈ <font> 0072 r latin small letter r
1D5E1	<b>N</b>	MATHEMATICAL SANS-SERIF BOLD CAPITAL N ≈ <font> 004E N latin capital letter n	1D600	<b>s</b>	MATHEMATICAL SANS-SERIF BOLD SMALL S ≈ <font> 0073 s latin small letter s
1D5E2	<b>O</b>	MATHEMATICAL SANS-SERIF BOLD CAPITAL O ≈ <font> 004F O latin capital letter o	1D601	<b>t</b>	MATHEMATICAL SANS-SERIF BOLD SMALL T ≈ <font> 0074 t latin small letter t
1D5E3	<b>P</b>	MATHEMATICAL SANS-SERIF BOLD CAPITAL P ≈ <font> 0050 P latin capital letter p	1D602	<b>u</b>	MATHEMATICAL SANS-SERIF BOLD SMALL U ≈ <font> 0075 u latin small letter u
1D5E4	<b>Q</b>	MATHEMATICAL SANS-SERIF BOLD CAPITAL Q ≈ <font> 0051 Q latin capital letter q	1D603	<b>v</b>	MATHEMATICAL SANS-SERIF BOLD SMALL V ≈ <font> 0076 v latin small letter v
1D5E5	<b>R</b>	MATHEMATICAL SANS-SERIF BOLD CAPITAL R ≈ <font> 0052 R latin capital letter r	1D604	<b>w</b>	MATHEMATICAL SANS-SERIF BOLD SMALL W ≈ <font> 0077 w latin small letter w
1D5E6	<b>S</b>	MATHEMATICAL SANS-SERIF BOLD CAPITAL S ≈ <font> 0053 S latin capital letter s	1D605	<b>x</b>	MATHEMATICAL SANS-SERIF BOLD SMALL X ≈ <font> 0078 x latin small letter x
1D5E7	<b>T</b>	MATHEMATICAL SANS-SERIF BOLD CAPITAL T ≈ <font> 0054 T latin capital letter t	1D606	<b>y</b>	MATHEMATICAL SANS-SERIF BOLD SMALL Y ≈ <font> 0079 y latin small letter y
1D5E8	<b>U</b>	MATHEMATICAL SANS-SERIF BOLD CAPITAL U ≈ <font> 0055 U latin capital letter u	1D607	<b>z</b>	MATHEMATICAL SANS-SERIF BOLD SMALL Z ≈ <font> 007A z latin small letter z
1D5E9	<b>V</b>	MATHEMATICAL SANS-SERIF BOLD CAPITAL V ≈ <font> 0056 V latin capital letter v			<b>Sans-serif italic symbols</b>
1D5EA	<b>W</b>	MATHEMATICAL SANS-SERIF BOLD CAPITAL W ≈ <font> 0057 W latin capital letter w	1D608	<b>A</b>	MATHEMATICAL SANS-SERIF ITALIC CAPITAL A ≈ <font> 0041 A latin capital letter a
1D5EB	<b>X</b>	MATHEMATICAL SANS-SERIF BOLD CAPITAL X ≈ <font> 0058 X latin capital letter x	1D609	<b>B</b>	MATHEMATICAL SANS-SERIF ITALIC CAPITAL B ≈ <font> 0042 B latin capital letter b
1D5EC	<b>Y</b>	MATHEMATICAL SANS-SERIF BOLD CAPITAL Y ≈ <font> 0059 Y latin capital letter y	1D60A	<b>C</b>	MATHEMATICAL SANS-SERIF ITALIC CAPITAL C ≈ <font> 0043 C latin capital letter c
1D5ED	<b>Z</b>	MATHEMATICAL SANS-SERIF BOLD CAPITAL Z ≈ <font> 005A Z latin capital letter z	1D60B	<b>D</b>	MATHEMATICAL SANS-SERIF ITALIC CAPITAL D ≈ <font> 0044 D latin capital letter d
1D5EE	<b>a</b>	MATHEMATICAL SANS-SERIF BOLD SMALL A ≈ <font> 0061 a latin small letter a	1D60C	<b>E</b>	MATHEMATICAL SANS-SERIF ITALIC CAPITAL E ≈ <font> 0045 E latin capital letter e
1D5EF	<b>b</b>	MATHEMATICAL SANS-SERIF BOLD SMALL B ≈ <font> 0062 b latin small letter b	1D60D	<b>F</b>	MATHEMATICAL SANS-SERIF ITALIC CAPITAL F ≈ <font> 0046 F latin capital letter f
1D5F0	<b>c</b>	MATHEMATICAL SANS-SERIF BOLD SMALL C ≈ <font> 0063 c latin small letter c	1D60E	<b>G</b>	MATHEMATICAL SANS-SERIF ITALIC CAPITAL G ≈ <font> 0047 G latin capital letter g
1D5F1	<b>d</b>	MATHEMATICAL SANS-SERIF BOLD SMALL D ≈ <font> 0064 d latin small letter d	1D60F	<b>H</b>	MATHEMATICAL SANS-SERIF ITALIC CAPITAL H ≈ <font> 0048 H latin capital letter h
1D5F2	<b>e</b>	MATHEMATICAL SANS-SERIF BOLD SMALL E ≈ <font> 0065 e latin small letter e	1D610	<b>I</b>	MATHEMATICAL SANS-SERIF ITALIC CAPITAL I ≈ <font> 0049 I latin capital letter i
1D5F3	<b>f</b>	MATHEMATICAL SANS-SERIF BOLD SMALL F ≈ <font> 0066 f latin small letter f	1D611	<b>J</b>	MATHEMATICAL SANS-SERIF ITALIC CAPITAL J ≈ <font> 004A J latin capital letter j
1D5F4	<b>g</b>	MATHEMATICAL SANS-SERIF BOLD SMALL G ≈ <font> 0067 g latin small letter g	1D612	<b>K</b>	MATHEMATICAL SANS-SERIF ITALIC CAPITAL K ≈ <font> 004B K latin capital letter k
1D5F5	<b>h</b>	MATHEMATICAL SANS-SERIF BOLD SMALL H ≈ <font> 0068 h latin small letter h	1D613	<b>L</b>	MATHEMATICAL SANS-SERIF ITALIC CAPITAL L ≈ <font> 004C L latin capital letter l
1D5F6	<b>i</b>	MATHEMATICAL SANS-SERIF BOLD SMALL I ≈ <font> 0069 i latin small letter i	1D614	<b>M</b>	MATHEMATICAL SANS-SERIF ITALIC CAPITAL M ≈ <font> 004D M latin capital letter m
1D5F7	<b>j</b>	MATHEMATICAL SANS-SERIF BOLD SMALL J ≈ <font> 006A j latin small letter j	1D615	<b>N</b>	MATHEMATICAL SANS-SERIF ITALIC CAPITAL N ≈ <font> 004E N latin capital letter n
1D5F8	<b>k</b>	MATHEMATICAL SANS-SERIF BOLD SMALL K ≈ <font> 006B k latin small letter k	1D616	<b>O</b>	MATHEMATICAL SANS-SERIF ITALIC CAPITAL O ≈ <font> 004F O latin capital letter o
1D5F9	<b>l</b>	MATHEMATICAL SANS-SERIF BOLD SMALL L ≈ <font> 006C l latin small letter l	1D617	<b>P</b>	MATHEMATICAL SANS-SERIF ITALIC CAPITAL P ≈ <font> 0050 P latin capital letter p
1D5FA	<b>m</b>	MATHEMATICAL SANS-SERIF BOLD SMALL M ≈ <font> 006D m latin small letter m	1D618	<b>Q</b>	MATHEMATICAL SANS-SERIF ITALIC CAPITAL Q ≈ <font> 0051 Q latin capital letter q

1D619	<i>R</i>	MATHEMATICAL SANS-SERIF ITALIC CAPITAL R ≈ <font> 0052 R latin capital letter r	1D638	<i>w</i>	MATHEMATICAL SANS-SERIF ITALIC SMALL W ≈ <font> 0077 w latin small letter w	
1D61A	<i>S</i>	MATHEMATICAL SANS-SERIF ITALIC CAPITAL S ≈ <font> 0053 S latin capital letter s	1D639	<i>x</i>	MATHEMATICAL SANS-SERIF ITALIC SMALL X ≈ <font> 0078 x latin small letter x	
1D61B	<i>T</i>	MATHEMATICAL SANS-SERIF ITALIC CAPITAL T ≈ <font> 0054 T latin capital letter t	1D63A	<i>y</i>	MATHEMATICAL SANS-SERIF ITALIC SMALL Y ≈ <font> 0079 y latin small letter y	
1D61C	<i>U</i>	MATHEMATICAL SANS-SERIF ITALIC CAPITAL U ≈ <font> 0055 U latin capital letter u	1D63B	<i>z</i>	MATHEMATICAL SANS-SERIF ITALIC SMALL Z ≈ <font> 007A z latin small letter z	
1D61D	<i>V</i>	MATHEMATICAL SANS-SERIF ITALIC CAPITAL V ≈ <font> 0056 V latin capital letter v	<b>Sans-serif bold italic symbols</b>			
1D61E	<i>W</i>	MATHEMATICAL SANS-SERIF ITALIC CAPITAL W ≈ <font> 0057 W latin capital letter w	1D63C	<i>A</i>	MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL A ≈ <font> 0041 A latin capital letter a	
1D61F	<i>X</i>	MATHEMATICAL SANS-SERIF ITALIC CAPITAL X ≈ <font> 0058 X latin capital letter x	1D63D	<i>B</i>	MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL B ≈ <font> 0042 B latin capital letter b	
1D620	<i>Y</i>	MATHEMATICAL SANS-SERIF ITALIC CAPITAL Y ≈ <font> 0059 Y latin capital letter y	1D63E	<i>C</i>	MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL C ≈ <font> 0043 C latin capital letter c	
1D621	<i>Z</i>	MATHEMATICAL SANS-SERIF ITALIC CAPITAL Z ≈ <font> 005A Z latin capital letter z	1D63F	<i>D</i>	MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL D ≈ <font> 0044 D latin capital letter d	
1D622	<i>a</i>	MATHEMATICAL SANS-SERIF ITALIC SMALL A ≈ <font> 0061 a latin small letter a	1D640	<i>E</i>	MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL E ≈ <font> 0045 E latin capital letter e	
1D623	<i>b</i>	MATHEMATICAL SANS-SERIF ITALIC SMALL B ≈ <font> 0062 b latin small letter b	1D641	<i>F</i>	MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL F ≈ <font> 0046 F latin capital letter f	
1D624	<i>c</i>	MATHEMATICAL SANS-SERIF ITALIC SMALL C ≈ <font> 0063 c latin small letter c	1D642	<i>G</i>	MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL G ≈ <font> 0047 G latin capital letter g	
1D625	<i>d</i>	MATHEMATICAL SANS-SERIF ITALIC SMALL D ≈ <font> 0064 d latin small letter d	1D643	<i>H</i>	MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL H ≈ <font> 0048 H latin capital letter h	
1D626	<i>e</i>	MATHEMATICAL SANS-SERIF ITALIC SMALL E ≈ <font> 0065 e latin small letter e	1D644	<i>I</i>	MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL I ≈ <font> 0049 I latin capital letter i	
1D627	<i>f</i>	MATHEMATICAL SANS-SERIF ITALIC SMALL F ≈ <font> 0066 f latin small letter f	1D645	<i>J</i>	MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL J ≈ <font> 004A J latin capital letter j	
1D628	<i>g</i>	MATHEMATICAL SANS-SERIF ITALIC SMALL G ≈ <font> 0067 g latin small letter g	1D646	<i>K</i>	MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL K ≈ <font> 004B K latin capital letter k	
1D629	<i>h</i>	MATHEMATICAL SANS-SERIF ITALIC SMALL H ≈ <font> 0068 h latin small letter h	1D647	<i>L</i>	MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL L ≈ <font> 004C L latin capital letter l	
1D62A	<i>i</i>	MATHEMATICAL SANS-SERIF ITALIC SMALL I ≈ <font> 0069 i latin small letter i	1D648	<i>M</i>	MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL M ≈ <font> 004D M latin capital letter m	
1D62B	<i>j</i>	MATHEMATICAL SANS-SERIF ITALIC SMALL J ≈ <font> 006A j latin small letter j	1D649	<i>N</i>	MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL N ≈ <font> 004E N latin capital letter n	
1D62C	<i>k</i>	MATHEMATICAL SANS-SERIF ITALIC SMALL K ≈ <font> 006B k latin small letter k	1D64A	<i>O</i>	MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL O ≈ <font> 004F O latin capital letter o	
1D62D	<i>l</i>	MATHEMATICAL SANS-SERIF ITALIC SMALL L ≈ <font> 006C l latin small letter l	1D64B	<i>P</i>	MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL P ≈ <font> 0050 P latin capital letter p	
1D62E	<i>m</i>	MATHEMATICAL SANS-SERIF ITALIC SMALL M ≈ <font> 006D m latin small letter m	1D64C	<i>Q</i>	MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL Q ≈ <font> 0051 Q latin capital letter q	
1D62F	<i>n</i>	MATHEMATICAL SANS-SERIF ITALIC SMALL N ≈ <font> 006E n latin small letter n	1D64D	<i>R</i>	MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL R ≈ <font> 0052 R latin capital letter r	
1D630	<i>o</i>	MATHEMATICAL SANS-SERIF ITALIC SMALL O ≈ <font> 006F o latin small letter o				
1D631	<i>p</i>	MATHEMATICAL SANS-SERIF ITALIC SMALL P ≈ <font> 0070 p latin small letter p				
1D632	<i>q</i>	MATHEMATICAL SANS-SERIF ITALIC SMALL Q ≈ <font> 0071 q latin small letter q				
1D633	<i>r</i>	MATHEMATICAL SANS-SERIF ITALIC SMALL R ≈ <font> 0072 r latin small letter r				
1D634	<i>s</i>	MATHEMATICAL SANS-SERIF ITALIC SMALL S ≈ <font> 0073 s latin small letter s				
1D635	<i>t</i>	MATHEMATICAL SANS-SERIF ITALIC SMALL T ≈ <font> 0074 t latin small letter t				
1D636	<i>u</i>	MATHEMATICAL SANS-SERIF ITALIC SMALL U ≈ <font> 0075 u latin small letter u				
1D637	<i>v</i>	MATHEMATICAL SANS-SERIF ITALIC SMALL V ≈ <font> 0076 v latin small letter v				

1D64E

## Mathematical Alphanumeric Symbols

1D67B

1D64E	<b>S</b>	MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL S ≈ <font> 0053 S latin capital letter s	1D663	<b>n</b>	MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL N ≈ <font> 006E n latin small letter n
1D64F	<b>T</b>	MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL T ≈ <font> 0054 T latin capital letter t	1D664	<b>o</b>	MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL O ≈ <font> 006F o latin small letter o
1D650	<b>U</b>	MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL U ≈ <font> 0055 U latin capital letter u	1D665	<b>p</b>	MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL P ≈ <font> 0070 p latin small letter p
1D651	<b>V</b>	MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL V ≈ <font> 0056 V latin capital letter v	1D666	<b>q</b>	MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL Q ≈ <font> 0071 q latin small letter q
1D652	<b>W</b>	MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL W ≈ <font> 0057 W latin capital letter w	1D667	<b>r</b>	MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL R ≈ <font> 0072 r latin small letter r
1D653	<b>X</b>	MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL X ≈ <font> 0058 X latin capital letter x	1D668	<b>s</b>	MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL S ≈ <font> 0073 s latin small letter s
1D654	<b>Y</b>	MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL Y ≈ <font> 0059 Y latin capital letter y	1D669	<b>t</b>	MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL T ≈ <font> 0074 t latin small letter t
1D655	<b>Z</b>	MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL Z ≈ <font> 005A Z latin capital letter z	1D66A	<b>u</b>	MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL U ≈ <font> 0075 u latin small letter u
1D656	<b>a</b>	MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL A ≈ <font> 0061 a latin small letter a	1D66B	<b>v</b>	MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL V ≈ <font> 0076 v latin small letter v
1D657	<b>b</b>	MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL B ≈ <font> 0062 b latin small letter b	1D66C	<b>w</b>	MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL W ≈ <font> 0077 w latin small letter w
1D658	<b>c</b>	MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL C ≈ <font> 0063 c latin small letter c	1D66D	<b>x</b>	MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL X ≈ <font> 0078 x latin small letter x
1D659	<b>d</b>	MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL D ≈ <font> 0064 d latin small letter d	1D66E	<b>y</b>	MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL Y ≈ <font> 0079 y latin small letter y
1D65A	<b>e</b>	MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL E ≈ <font> 0065 e latin small letter e	1D66F	<b>z</b>	MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL Z ≈ <font> 007A z latin small letter z
1D65B	<b>f</b>	MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL F ≈ <font> 0066 f latin small letter f			<b>Monospace symbols</b>
1D65C	<b>g</b>	MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL G ≈ <font> 0067 g latin small letter g	1D670	<b>A</b>	MATHEMATICAL MONOSPACE CAPITAL A ≈ <font> 0041 A latin capital letter a
1D65D	<b>h</b>	MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL H ≈ <font> 0068 h latin small letter h	1D671	<b>B</b>	MATHEMATICAL MONOSPACE CAPITAL B ≈ <font> 0042 B latin capital letter b
1D65E	<b>i</b>	MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL I ≈ <font> 0069 i latin small letter i	1D672	<b>C</b>	MATHEMATICAL MONOSPACE CAPITAL C ≈ <font> 0043 C latin capital letter c
1D65F	<b>j</b>	MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL J ≈ <font> 006A j latin small letter j	1D673	<b>D</b>	MATHEMATICAL MONOSPACE CAPITAL D ≈ <font> 0044 D latin capital letter d
1D660	<b>k</b>	MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL K ≈ <font> 006B k latin small letter k	1D674	<b>E</b>	MATHEMATICAL MONOSPACE CAPITAL E ≈ <font> 0045 E latin capital letter e
1D661	<b>l</b>	MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL L ≈ <font> 006C l latin small letter l	1D675	<b>F</b>	MATHEMATICAL MONOSPACE CAPITAL F ≈ <font> 0046 F latin capital letter f
1D662	<b>m</b>	MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL M ≈ <font> 006D m latin small letter m	1D676	<b>G</b>	MATHEMATICAL MONOSPACE CAPITAL G ≈ <font> 0047 G latin capital letter g
			1D677	<b>H</b>	MATHEMATICAL MONOSPACE CAPITAL H ≈ <font> 0048 H latin capital letter h
			1D678	<b>I</b>	MATHEMATICAL MONOSPACE CAPITAL I ≈ <font> 0049 I latin capital letter i
			1D679	<b>J</b>	MATHEMATICAL MONOSPACE CAPITAL J ≈ <font> 004A J latin capital letter j
			1D67A	<b>K</b>	MATHEMATICAL MONOSPACE CAPITAL K ≈ <font> 004B K latin capital letter k
			1D67B	<b>L</b>	MATHEMATICAL MONOSPACE CAPITAL L ≈ <font> 004C L latin capital letter l

1D67C	M	MATHEMATICAL MONOSPACE CAPITAL M ≈ <font> 004D M latin capital letter m
1D67D	N	MATHEMATICAL MONOSPACE CAPITAL N ≈ <font> 004E N latin capital letter n
1D67E	O	MATHEMATICAL MONOSPACE CAPITAL O ≈ <font> 004F O latin capital letter o
1D67F	P	MATHEMATICAL MONOSPACE CAPITAL P ≈ <font> 0050 P latin capital letter p
1D680	Q	MATHEMATICAL MONOSPACE CAPITAL Q ≈ <font> 0051 Q latin capital letter q
1D681	R	MATHEMATICAL MONOSPACE CAPITAL R ≈ <font> 0052 R latin capital letter r
1D682	S	MATHEMATICAL MONOSPACE CAPITAL S ≈ <font> 0053 S latin capital letter s
1D683	T	MATHEMATICAL MONOSPACE CAPITAL T ≈ <font> 0054 T latin capital letter t
1D684	U	MATHEMATICAL MONOSPACE CAPITAL U ≈ <font> 0055 U latin capital letter u
1D685	V	MATHEMATICAL MONOSPACE CAPITAL V ≈ <font> 0056 V latin capital letter v
1D686	W	MATHEMATICAL MONOSPACE CAPITAL W ≈ <font> 0057 W latin capital letter w
1D687	X	MATHEMATICAL MONOSPACE CAPITAL X ≈ <font> 0058 X latin capital letter x
1D688	Y	MATHEMATICAL MONOSPACE CAPITAL Y ≈ <font> 0059 Y latin capital letter y
1D689	Z	MATHEMATICAL MONOSPACE CAPITAL Z ≈ <font> 005A Z latin capital letter z
1D68A	a	MATHEMATICAL MONOSPACE SMALL A ≈ <font> 0061 a latin small letter a
1D68B	b	MATHEMATICAL MONOSPACE SMALL B ≈ <font> 0062 b latin small letter b
1D68C	c	MATHEMATICAL MONOSPACE SMALL C ≈ <font> 0063 c latin small letter c
1D68D	d	MATHEMATICAL MONOSPACE SMALL D ≈ <font> 0064 d latin small letter d
1D68E	e	MATHEMATICAL MONOSPACE SMALL E ≈ <font> 0065 e latin small letter e
1D68F	f	MATHEMATICAL MONOSPACE SMALL F ≈ <font> 0066 f latin small letter f
1D690	g	MATHEMATICAL MONOSPACE SMALL G ≈ <font> 0067 g latin small letter g
1D691	h	MATHEMATICAL MONOSPACE SMALL H ≈ <font> 0068 h latin small letter h
1D692	i	MATHEMATICAL MONOSPACE SMALL I ≈ <font> 0069 i latin small letter i
1D693	j	MATHEMATICAL MONOSPACE SMALL J ≈ <font> 006A j latin small letter j
1D694	k	MATHEMATICAL MONOSPACE SMALL K ≈ <font> 006B k latin small letter k
1D695	l	MATHEMATICAL MONOSPACE SMALL L ≈ <font> 006C l latin small letter l
1D696	m	MATHEMATICAL MONOSPACE SMALL M ≈ <font> 006D m latin small letter m
1D697	n	MATHEMATICAL MONOSPACE SMALL N ≈ <font> 006E n latin small letter n
1D698	o	MATHEMATICAL MONOSPACE SMALL O ≈ <font> 006F o latin small letter o
1D699	p	MATHEMATICAL MONOSPACE SMALL P ≈ <font> 0070 p latin small letter p
1D69A	q	MATHEMATICAL MONOSPACE SMALL Q ≈ <font> 0071 q latin small letter q

1D69B	r	MATHEMATICAL MONOSPACE SMALL R ≈ <font> 0072 r latin small letter r
1D69C	s	MATHEMATICAL MONOSPACE SMALL S ≈ <font> 0073 s latin small letter s
1D69D	t	MATHEMATICAL MONOSPACE SMALL T ≈ <font> 0074 t latin small letter t
1D69E	u	MATHEMATICAL MONOSPACE SMALL U ≈ <font> 0075 u latin small letter u
1D69F	v	MATHEMATICAL MONOSPACE SMALL V ≈ <font> 0076 v latin small letter v
1D6A0	w	MATHEMATICAL MONOSPACE SMALL W ≈ <font> 0077 w latin small letter w
1D6A1	x	MATHEMATICAL MONOSPACE SMALL X ≈ <font> 0078 x latin small letter x
1D6A2	y	MATHEMATICAL MONOSPACE SMALL Y ≈ <font> 0079 y latin small letter y
1D6A3	z	MATHEMATICAL MONOSPACE SMALL Z ≈ <font> 007A z latin small letter z

**Dotless symbols**

For use as independent symbols. These are not required as base characters for accents since regular i and j are soft-dotted in Unicode.

1D6A4	i	MATHEMATICAL ITALIC SMALL DOTLESS I = \imath → 0131 i latin small letter dotless i → 1D456 i mathematical italic small i ≈ <font> 0131 i latin small letter dotless i
1D6A5	j	MATHEMATICAL ITALIC SMALL DOTLESS J = \jmath → 0237 j latin small letter dotless j → 1D457 j mathematical italic small j ≈ <font> 0237 j latin small letter dotless j

**Bold Greek symbols**

1D6A8	A	MATHEMATICAL BOLD CAPITAL ALPHA ≈ <font> 0391 A greek capital letter alpha
1D6A9	B	MATHEMATICAL BOLD CAPITAL BETA ≈ <font> 0392 B greek capital letter beta
1D6AA	Γ	MATHEMATICAL BOLD CAPITAL GAMMA ≈ <font> 0393 Γ greek capital letter gamma
1D6AB	Δ	MATHEMATICAL BOLD CAPITAL DELTA ≈ <font> 0394 Δ greek capital letter delta
1D6AC	Ε	MATHEMATICAL BOLD CAPITAL EPSILON ≈ <font> 0395 Ε greek capital letter epsilon
1D6AD	Ζ	MATHEMATICAL BOLD CAPITAL ZETA ≈ <font> 0396 Ζ greek capital letter zeta
1D6AE	Η	MATHEMATICAL BOLD CAPITAL ETA ≈ <font> 0397 Η greek capital letter eta
1D6AF	Θ	MATHEMATICAL BOLD CAPITAL THETA ≈ <font> 0398 Θ greek capital letter theta
1D6B0	Ι	MATHEMATICAL BOLD CAPITAL IOTA ≈ <font> 0399 Ι greek capital letter iota
1D6B1	Κ	MATHEMATICAL BOLD CAPITAL KAPPA ≈ <font> 039A Κ greek capital letter kappa
1D6B2	Λ	MATHEMATICAL BOLD CAPITAL LAMDA ≈ <font> 039B Λ greek capital letter lamda
1D6B3	Μ	MATHEMATICAL BOLD CAPITAL MU ≈ <font> 039C Μ greek capital letter mu
1D6B4	Ν	MATHEMATICAL BOLD CAPITAL NU ≈ <font> 039D Ν greek capital letter nu
1D6B5	Ξ	MATHEMATICAL BOLD CAPITAL XI ≈ <font> 039E Ξ greek capital letter xi

1D6B6

## Mathematical Alphanumeric Symbols

1D6F1

1D6B6	<b>O</b>	MATHEMATICAL BOLD CAPITAL OMICRON	$\approx \text{font} > 039F$ O greek capital letter omicron
1D6B7	<b>Π</b>	MATHEMATICAL BOLD CAPITAL PI	$\approx \text{font} > 03A0$ Π greek capital letter pi
1D6B8	<b>Ρ</b>	MATHEMATICAL BOLD CAPITAL RHO	$\approx \text{font} > 03A1$ Ρ greek capital letter rho
1D6B9	<b>Θ</b>	MATHEMATICAL BOLD CAPITAL THETA SYMBOL	$\approx \text{font} > 03F4$ Θ greek capital theta symbol
1D6BA	<b>Σ</b>	MATHEMATICAL BOLD CAPITAL SIGMA	$\approx \text{font} > 03A3$ Σ greek capital letter sigma
1D6BB	<b>Τ</b>	MATHEMATICAL BOLD CAPITAL TAU	$\approx \text{font} > 03A4$ Τ greek capital letter tau
1D6BC	<b>Υ</b>	MATHEMATICAL BOLD CAPITAL UPSILON	$\approx \text{font} > 03A5$ Υ greek capital letter upsilon
1D6BD	<b>Φ</b>	MATHEMATICAL BOLD CAPITAL PHI	$\approx \text{font} > 03A6$ Φ greek capital letter phi
1D6BE	<b>Χ</b>	MATHEMATICAL BOLD CAPITAL CHI	$\approx \text{font} > 03A7$ Χ greek capital letter chi
1D6BF	<b>Ψ</b>	MATHEMATICAL BOLD CAPITAL PSI	$\approx \text{font} > 03A8$ Ψ greek capital letter psi
1D6C0	<b>Ω</b>	MATHEMATICAL BOLD CAPITAL OMEGA	$\approx \text{font} > 03A9$ Ω greek capital letter omega
1D6C1	<b>∇</b>	MATHEMATICAL BOLD NABLA	$\approx \text{font} > 2207$ ∇ nabla
1D6C2	<b>α</b>	MATHEMATICAL BOLD SMALL ALPHA	$\approx \text{font} > 03B1$ α greek small letter alpha
1D6C3	<b>β</b>	MATHEMATICAL BOLD SMALL BETA	$\approx \text{font} > 03B2$ β greek small letter beta
1D6C4	<b>γ</b>	MATHEMATICAL BOLD SMALL GAMMA	$\approx \text{font} > 03B3$ γ greek small letter gamma
1D6C5	<b>δ</b>	MATHEMATICAL BOLD SMALL DELTA	$\approx \text{font} > 03B4$ δ greek small letter delta
1D6C6	<b>ε</b>	MATHEMATICAL BOLD SMALL EPSILON	$\approx \text{font} > 03B5$ ε greek small letter epsilon
1D6C7	<b>ζ</b>	MATHEMATICAL BOLD SMALL ZETA	$\approx \text{font} > 03B6$ ζ greek small letter zeta
1D6C8	<b>η</b>	MATHEMATICAL BOLD SMALL ETA	$\approx \text{font} > 03B7$ η greek small letter eta
1D6C9	<b>θ</b>	MATHEMATICAL BOLD SMALL THETA	$\approx \text{font} > 03B8$ θ greek small letter theta
1D6CA	<b>ι</b>	MATHEMATICAL BOLD SMALL IOTA	$\approx \text{font} > 03B9$ ι greek small letter iota
1D6CB	<b>κ</b>	MATHEMATICAL BOLD SMALL KAPPA	$\approx \text{font} > 03BA$ κ greek small letter kappa
1D6CC	<b>λ</b>	MATHEMATICAL BOLD SMALL LAMDA	$\approx \text{font} > 03BB$ λ greek small letter lamda
1D6CD	<b>μ</b>	MATHEMATICAL BOLD SMALL MU	$\approx \text{font} > 03BC$ μ greek small letter mu
1D6CE	<b>ν</b>	MATHEMATICAL BOLD SMALL NU	$\approx \text{font} > 03BD$ ν greek small letter nu
1D6CF	<b>ξ</b>	MATHEMATICAL BOLD SMALL XI	$\approx \text{font} > 03BE$ ξ greek small letter xi
1D6D0	<b>ο</b>	MATHEMATICAL BOLD SMALL OMICRON	$\approx \text{font} > 03BF$ ο greek small letter omicron
1D6D1	<b>π</b>	MATHEMATICAL BOLD SMALL PI	$\approx \text{font} > 03C0$ π greek small letter pi
1D6D2	<b>ρ</b>	MATHEMATICAL BOLD SMALL RHO	$\approx \text{font} > 03C1$ ρ greek small letter rho
1D6D3	<b>ς</b>	MATHEMATICAL BOLD SMALL FINAL SIGMA	$\approx \text{font} > 03C2$ ο greek small letter final sigma
1D6D4	<b>σ</b>	MATHEMATICAL BOLD SMALL SIGMA	$\approx \text{font} > 03C3$ σ greek small letter sigma

1D6D5	<b>τ</b>	MATHEMATICAL BOLD SMALL TAU	$\approx \text{font} > 03C4$ τ greek small letter tau
1D6D6	<b>υ</b>	MATHEMATICAL BOLD SMALL UPSILON	$\approx \text{font} > 03C5$ υ greek small letter upsilon
1D6D7	<b>φ</b>	MATHEMATICAL BOLD SMALL PHI	$\approx \text{font} > 03C6$ φ greek small letter phi
1D6D8	<b>χ</b>	MATHEMATICAL BOLD SMALL CHI	$\approx \text{font} > 03C7$ χ greek small letter chi
1D6D9	<b>ψ</b>	MATHEMATICAL BOLD SMALL PSI	$\approx \text{font} > 03C8$ ψ greek small letter psi
1D6DA	<b>ω</b>	MATHEMATICAL BOLD SMALL OMEGA	$\approx \text{font} > 03C9$ ω greek small letter omega

**Additional bold Greek symbols**

1D6DB	<b>∂</b>	MATHEMATICAL BOLD PARTIAL DIFFERENTIAL	$\approx \text{font} > 2202$ ∂ partial differential
1D6DC	<b>ε</b>	MATHEMATICAL BOLD EPSILON SYMBOL	$\approx \text{font} > 03F5$ ε greek lunate epsilon symbol
1D6DD	<b>ϑ</b>	MATHEMATICAL BOLD THETA SYMBOL	$\approx \text{font} > 03D1$ ϑ greek theta symbol
1D6DE	<b>ϰ</b>	MATHEMATICAL BOLD KAPPA SYMBOL	$\approx \text{font} > 03F0$ κ greek kappa symbol
1D6DF	<b>ϕ</b>	MATHEMATICAL BOLD PHI SYMBOL	$\approx \text{font} > 03D5$ ϕ greek phi symbol
1D6E0	<b>ߩ</b>	MATHEMATICAL BOLD RHO SYMBOL	$\approx \text{font} > 03F1$ ρ greek rho symbol
1D6E1	<b>ϖ</b>	MATHEMATICAL BOLD PI SYMBOL	$\approx \text{font} > 03D6$ ϖ greek pi symbol

**Italic Greek symbols**

1D6E2	<i>A</i>	MATHEMATICAL ITALIC CAPITAL ALPHA	$\approx \text{font} > 0391$ A greek capital letter alpha
1D6E3	<i>B</i>	MATHEMATICAL ITALIC CAPITAL BETA	$\approx \text{font} > 0392$ B greek capital letter beta
1D6E4	<i>Γ</i>	MATHEMATICAL ITALIC CAPITAL GAMMA	$\approx \text{font} > 0393$ Γ greek capital letter gamma
1D6E5	<i>Δ</i>	MATHEMATICAL ITALIC CAPITAL DELTA	$\approx \text{font} > 0394$ Δ greek capital letter delta
1D6E6	<i>Ε</i>	MATHEMATICAL ITALIC CAPITAL EPSILON	$\approx \text{font} > 0395$ Ε greek capital letter epsilon
1D6E7	<i>Ζ</i>	MATHEMATICAL ITALIC CAPITAL ZETA	$\approx \text{font} > 0396$ Ζ greek capital letter zeta
1D6E8	<i>Η</i>	MATHEMATICAL ITALIC CAPITAL ETA	$\approx \text{font} > 0397$ Η greek capital letter eta
1D6E9	<i>Θ</i>	MATHEMATICAL ITALIC CAPITAL THETA	$\approx \text{font} > 0398$ Θ greek capital letter theta
1D6EA	<i>Ι</i>	MATHEMATICAL ITALIC CAPITAL IOTA	$\approx \text{font} > 0399$ Ι greek capital letter iota
1D6EB	<i>Κ</i>	MATHEMATICAL ITALIC CAPITAL KAPPA	$\approx \text{font} > 039A$ Κ greek capital letter kappa
1D6EC	<i>Λ</i>	MATHEMATICAL ITALIC CAPITAL LAMDA	$\approx \text{font} > 039B$ Λ greek capital letter lamda
1D6ED	<i>Μ</i>	MATHEMATICAL ITALIC CAPITAL MU	$\approx \text{font} > 039C$ Μ greek capital letter mu
1D6EE	<i>Ν</i>	MATHEMATICAL ITALIC CAPITAL NU	$\approx \text{font} > 039D$ Ν greek capital letter nu
1D6EF	<i>Ξ</i>	MATHEMATICAL ITALIC CAPITAL XI	$\approx \text{font} > 039E$ Ξ greek capital letter xi
1D6F0	<i>Ο</i>	MATHEMATICAL ITALIC CAPITAL OMICRON	$\approx \text{font} > 039F$ Ο greek capital letter omicron
1D6F1	<i>Π</i>	MATHEMATICAL ITALIC CAPITAL PI	$\approx \text{font} > 03A0$ Π greek capital letter pi

1D6F2	<i>P</i>	MATHEMATICAL ITALIC CAPITAL RHO ≈ <font> 03A1 <i>P</i> greek capital letter rho
1D6F3	<i>Θ</i>	MATHEMATICAL ITALIC CAPITAL THETA SYMBOL ≈ <font> 03F4 <i>Θ</i> greek capital theta symbol
1D6F4	<i>Σ</i>	MATHEMATICAL ITALIC CAPITAL SIGMA ≈ <font> 03A3 <i>Σ</i> greek capital letter sigma
1D6F5	<i>T</i>	MATHEMATICAL ITALIC CAPITAL TAU ≈ <font> 03A4 <i>T</i> greek capital letter tau
1D6F6	<i>Υ</i>	MATHEMATICAL ITALIC CAPITAL UPSILON ≈ <font> 03A5 <i>Υ</i> greek capital letter upsilon
1D6F7	<i>Φ</i>	MATHEMATICAL ITALIC CAPITAL PHI ≈ <font> 03A6 <i>Φ</i> greek capital letter phi
1D6F8	<i>X</i>	MATHEMATICAL ITALIC CAPITAL CHI ≈ <font> 03A7 <i>X</i> greek capital letter chi
1D6F9	<i>Ψ</i>	MATHEMATICAL ITALIC CAPITAL PSI ≈ <font> 03A8 <i>Ψ</i> greek capital letter psi
1D6FA	<i>Ω</i>	MATHEMATICAL ITALIC CAPITAL OMEGA ≈ <font> 03A9 <i>Ω</i> greek capital letter omega
1D6FB	<i>∇</i>	MATHEMATICAL ITALIC NABLA ≈ <font> 2207 <i>∇</i> nabla
1D6FC	<i>α</i>	MATHEMATICAL ITALIC SMALL ALPHA ≈ <font> 03B1 <i>α</i> greek small letter alpha
1D6FD	<i>β</i>	MATHEMATICAL ITALIC SMALL BETA ≈ <font> 03B2 <i>β</i> greek small letter beta
1D6FE	<i>γ</i>	MATHEMATICAL ITALIC SMALL GAMMA ≈ <font> 03B3 <i>γ</i> greek small letter gamma
1D6FF	<i>δ</i>	MATHEMATICAL ITALIC SMALL DELTA ≈ <font> 03B4 <i>δ</i> greek small letter delta
1D700	<i>ε</i>	MATHEMATICAL ITALIC SMALL EPSILON ≈ <font> 03B5 <i>ε</i> greek small letter epsilon
1D701	<i>ζ</i>	MATHEMATICAL ITALIC SMALL ZETA ≈ <font> 03B6 <i>ζ</i> greek small letter zeta
1D702	<i>η</i>	MATHEMATICAL ITALIC SMALL ETA ≈ <font> 03B7 <i>η</i> greek small letter eta
1D703	<i>θ</i>	MATHEMATICAL ITALIC SMALL THETA ≈ <font> 03B8 <i>θ</i> greek small letter theta
1D704	<i>ι</i>	MATHEMATICAL ITALIC SMALL IOTA ≈ <font> 03B9 <i>ι</i> greek small letter iota
1D705	<i>κ</i>	MATHEMATICAL ITALIC SMALL KAPPA ≈ <font> 03BA <i>κ</i> greek small letter kappa
1D706	<i>λ</i>	MATHEMATICAL ITALIC SMALL LAMDA ≈ <font> 03BB <i>λ</i> greek small letter lamda
1D707	<i>μ</i>	MATHEMATICAL ITALIC SMALL MU ≈ <font> 03BC <i>μ</i> greek small letter mu
1D708	<i>ν</i>	MATHEMATICAL ITALIC SMALL NU ≈ <font> 03BD <i>ν</i> greek small letter nu
1D709	<i>ξ</i>	MATHEMATICAL ITALIC SMALL XI ≈ <font> 03BE <i>ξ</i> greek small letter xi
1D70A	<i>ο</i>	MATHEMATICAL ITALIC SMALL OMICRON ≈ <font> 03BF <i>ο</i> greek small letter omicron
1D70B	<i>π</i>	MATHEMATICAL ITALIC SMALL PI ≈ <font> 03C0 <i>π</i> greek small letter pi
1D70C	<i>ρ</i>	MATHEMATICAL ITALIC SMALL RHO ≈ <font> 03C1 <i>ρ</i> greek small letter rho
1D70D	<i>ς</i>	MATHEMATICAL ITALIC SMALL FINAL SIGMA ≈ <font> 03C2 <i>ς</i> greek small letter final sigma
1D70E	<i>σ</i>	MATHEMATICAL ITALIC SMALL SIGMA ≈ <font> 03C3 <i>σ</i> greek small letter sigma
1D70F	<i>τ</i>	MATHEMATICAL ITALIC SMALL TAU ≈ <font> 03C4 <i>τ</i> greek small letter tau
1D710	<i>υ</i>	MATHEMATICAL ITALIC SMALL UPSILON ≈ <font> 03C5 <i>υ</i> greek small letter upsilon

1D711	<i>φ</i>	MATHEMATICAL ITALIC SMALL PHI ≈ <font> 03C6 <i>φ</i> greek small letter phi
1D712	<i>χ</i>	MATHEMATICAL ITALIC SMALL CHI ≈ <font> 03C7 <i>χ</i> greek small letter chi
1D713	<i>ψ</i>	MATHEMATICAL ITALIC SMALL PSI ≈ <font> 03C8 <i>ψ</i> greek small letter psi
1D714	<i>ω</i>	MATHEMATICAL ITALIC SMALL OMEGA ≈ <font> 03C9 <i>ω</i> greek small letter omega

**Additional italic Greek symbols**

1D715	<i>∂</i>	MATHEMATICAL ITALIC PARTIAL DIFFERENTIAL ≈ <font> 2202 <i>∂</i> partial differential
1D716	<i>ε</i>	MATHEMATICAL ITALIC EPSILON SYMBOL ≈ <font> 03F5 <i>ε</i> greek lunate epsilon symbol
1D717	<i>ϑ</i>	MATHEMATICAL ITALIC THETA SYMBOL ≈ <font> 03D1 <i>ϑ</i> greek theta symbol
1D718	<i>κ</i>	MATHEMATICAL ITALIC KAPPA SYMBOL ≈ <font> 03F0 <i>κ</i> greek kappa symbol
1D719	<i>ϕ</i>	MATHEMATICAL ITALIC PHI SYMBOL ≈ <font> 03D5 <i>ϕ</i> greek phi symbol
1D71A	<i>ρ</i>	MATHEMATICAL ITALIC RHO SYMBOL ≈ <font> 03F1 <i>ρ</i> greek rho symbol
1D71B	<i>ϖ</i>	MATHEMATICAL ITALIC PI SYMBOL ≈ <font> 03D6 <i>ϖ</i> greek pi symbol

**Bold italic Greek symbols**

1D71C	<i>A</i>	MATHEMATICAL BOLD ITALIC CAPITAL ALPHA ≈ <font> 0391 <i>A</i> greek capital letter alpha
1D71D	<i>B</i>	MATHEMATICAL BOLD ITALIC CAPITAL BETA ≈ <font> 0392 <i>B</i> greek capital letter beta
1D71E	<i>Γ</i>	MATHEMATICAL BOLD ITALIC CAPITAL GAMMA ≈ <font> 0393 <i>Γ</i> greek capital letter gamma
1D71F	<i>Δ</i>	MATHEMATICAL BOLD ITALIC CAPITAL DELTA ≈ <font> 0394 <i>Δ</i> greek capital letter delta
1D720	<i>E</i>	MATHEMATICAL BOLD ITALIC CAPITAL EPSILON ≈ <font> 0395 <i>E</i> greek capital letter epsilon
1D721	<i>Z</i>	MATHEMATICAL BOLD ITALIC CAPITAL ZETA ≈ <font> 0396 <i>Z</i> greek capital letter zeta
1D722	<i>H</i>	MATHEMATICAL BOLD ITALIC CAPITAL ETA ≈ <font> 0397 <i>H</i> greek capital letter eta
1D723	<i>Θ</i>	MATHEMATICAL BOLD ITALIC CAPITAL THETA ≈ <font> 0398 <i>Θ</i> greek capital letter theta
1D724	<i>I</i>	MATHEMATICAL BOLD ITALIC CAPITAL IOTA ≈ <font> 0399 <i>I</i> greek capital letter iota
1D725	<i>K</i>	MATHEMATICAL BOLD ITALIC CAPITAL KAPPA ≈ <font> 039A <i>K</i> greek capital letter kappa
1D726	<i>Λ</i>	MATHEMATICAL BOLD ITALIC CAPITAL LAMDA ≈ <font> 039B <i>Λ</i> greek capital letter lamda
1D727	<i>M</i>	MATHEMATICAL BOLD ITALIC CAPITAL MU ≈ <font> 039C <i>M</i> greek capital letter mu
1D728	<i>N</i>	MATHEMATICAL BOLD ITALIC CAPITAL NU ≈ <font> 039D <i>N</i> greek capital letter nu
1D729	<i>Ξ</i>	MATHEMATICAL BOLD ITALIC CAPITAL XI ≈ <font> 039E <i>Ξ</i> greek capital letter xi
1D72A	<i>O</i>	MATHEMATICAL BOLD ITALIC CAPITAL OMICRON ≈ <font> 039F <i>O</i> greek capital letter omicron
1D72B	<i>Π</i>	MATHEMATICAL BOLD ITALIC CAPITAL PI ≈ <font> 03A0 <i>Π</i> greek capital letter pi
1D72C	<i>P</i>	MATHEMATICAL BOLD ITALIC CAPITAL RHO ≈ <font> 03A1 <i>P</i> greek capital letter rho

1D72D

## Mathematical Alphanumeric Symbols

1D760

1D72D	<b>Θ</b>	MATHEMATICAL BOLD ITALIC CAPITAL THETA SYMBOL ≈ <font> 03F4 Θ greek capital theta symbol
1D72E	<b>Σ</b>	MATHEMATICAL BOLD ITALIC CAPITAL SIGMA ≈ <font> 03A3 Σ greek capital letter sigma
1D72F	<b>Τ</b>	MATHEMATICAL BOLD ITALIC CAPITAL TAU ≈ <font> 03A4 Τ greek capital letter tau
1D730	<b>Υ</b>	MATHEMATICAL BOLD ITALIC CAPITAL UPSILON ≈ <font> 03A5 Υ greek capital letter upsilon
1D731	<b>Φ</b>	MATHEMATICAL BOLD ITALIC CAPITAL PHI ≈ <font> 03A6 Φ greek capital letter phi
1D732	<b>Χ</b>	MATHEMATICAL BOLD ITALIC CAPITAL CHI ≈ <font> 03A7 Χ greek capital letter chi
1D733	<b>Ψ</b>	MATHEMATICAL BOLD ITALIC CAPITAL PSI ≈ <font> 03A8 Ψ greek capital letter psi
1D734	<b>Ω</b>	MATHEMATICAL BOLD ITALIC CAPITAL OMEGA ≈ <font> 03A9 Ω greek capital letter omega
1D735	<b>∇</b>	MATHEMATICAL BOLD ITALIC NABLA ≈ <font> 2207 ∇ nabla
1D736	<b>α</b>	MATHEMATICAL BOLD ITALIC SMALL ALPHA ≈ <font> 03B1 α greek small letter alpha
1D737	<b>β</b>	MATHEMATICAL BOLD ITALIC SMALL BETA ≈ <font> 03B2 β greek small letter beta
1D738	<b>γ</b>	MATHEMATICAL BOLD ITALIC SMALL GAMMA ≈ <font> 03B3 γ greek small letter gamma
1D739	<b>δ</b>	MATHEMATICAL BOLD ITALIC SMALL DELTA ≈ <font> 03B4 δ greek small letter delta
1D73A	<b>ε</b>	MATHEMATICAL BOLD ITALIC SMALL EPSILON ≈ <font> 03B5 ε greek small letter epsilon
1D73B	<b>ζ</b>	MATHEMATICAL BOLD ITALIC SMALL ZETA ≈ <font> 03B6 ζ greek small letter zeta
1D73C	<b>η</b>	MATHEMATICAL BOLD ITALIC SMALL ETA ≈ <font> 03B7 η greek small letter eta
1D73D	<b>θ</b>	MATHEMATICAL BOLD ITALIC SMALL THETA ≈ <font> 03B8 θ greek small letter theta
1D73E	<b>ι</b>	MATHEMATICAL BOLD ITALIC SMALL IOTA ≈ <font> 03B9 ι greek small letter iota
1D73F	<b>κ</b>	MATHEMATICAL BOLD ITALIC SMALL KAPPA ≈ <font> 03BA κ greek small letter kappa
1D740	<b>λ</b>	MATHEMATICAL BOLD ITALIC SMALL LAMDA ≈ <font> 03BB λ greek small letter lamda
1D741	<b>μ</b>	MATHEMATICAL BOLD ITALIC SMALL MU ≈ <font> 03BC μ greek small letter mu
1D742	<b>ν</b>	MATHEMATICAL BOLD ITALIC SMALL NU ≈ <font> 03BD ν greek small letter nu
1D743	<b>ξ</b>	MATHEMATICAL BOLD ITALIC SMALL XI ≈ <font> 03BE ξ greek small letter xi
1D744	<b>ο</b>	MATHEMATICAL BOLD ITALIC SMALL OMICRON ≈ <font> 03BF ο greek small letter omicron
1D745	<b>π</b>	MATHEMATICAL BOLD ITALIC SMALL PI ≈ <font> 03C0 π greek small letter pi
1D746	<b>ρ</b>	MATHEMATICAL BOLD ITALIC SMALL RHO ≈ <font> 03C1 ρ greek small letter rho
1D747	<b>ς</b>	MATHEMATICAL BOLD ITALIC SMALL FINAL SIGMA ≈ <font> 03C2 ζ greek small letter final sigma
1D748	<b>σ</b>	MATHEMATICAL BOLD ITALIC SMALL SIGMA ≈ <font> 03C3 σ greek small letter sigma
1D749	<b>τ</b>	MATHEMATICAL BOLD ITALIC SMALL TAU ≈ <font> 03C4 τ greek small letter tau

1D74A	<b>υ</b>	MATHEMATICAL BOLD ITALIC SMALL UPSILON ≈ <font> 03C5 υ greek small letter upsilon
1D74B	<b>φ</b>	MATHEMATICAL BOLD ITALIC SMALL PHI ≈ <font> 03C6 φ greek small letter phi
1D74C	<b>χ</b>	MATHEMATICAL BOLD ITALIC SMALL CHI ≈ <font> 03C7 χ greek small letter chi
1D74D	<b>ψ</b>	MATHEMATICAL BOLD ITALIC SMALL PSI ≈ <font> 03C8 ψ greek small letter psi
1D74E	<b>ω</b>	MATHEMATICAL BOLD ITALIC SMALL OMEGA ≈ <font> 03C9 ω greek small letter omega

**Additional bold italic Greek symbols**

1D74F	<b>∂</b>	MATHEMATICAL BOLD ITALIC PARTIAL DIFFERENTIAL ≈ <font> 2202 ∂ partial differential
1D750	<b>ϵ</b>	MATHEMATICAL BOLD ITALIC EPSILON SYMBOL ≈ <font> 03F5 ϵ greek lunate epsilon symbol
1D751	<b>ϑ</b>	MATHEMATICAL BOLD ITALIC THETA SYMBOL ≈ <font> 03D1 ϑ greek theta symbol
1D752	<b>ϰ</b>	MATHEMATICAL BOLD ITALIC KAPPA SYMBOL ≈ <font> 03F0 ϰ greek kappa symbol
1D753	<b>ϕ</b>	MATHEMATICAL BOLD ITALIC PHI SYMBOL ≈ <font> 03D5 ϕ greek phi symbol
1D754	<b>ϙ</b>	MATHEMATICAL BOLD ITALIC RHO SYMBOL ≈ <font> 03F1 ϙ greek rho symbol
1D755	<b>ϖ</b>	MATHEMATICAL BOLD ITALIC PI SYMBOL ≈ <font> 03D6 ϖ greek pi symbol

**Sans-serif bold Greek symbols**

1D756	<b>Α</b>	MATHEMATICAL SANS-SERIF BOLD CAPITAL ALPHA ≈ <font> 0391 Α greek capital letter alpha
1D757	<b>Β</b>	MATHEMATICAL SANS-SERIF BOLD CAPITAL BETA ≈ <font> 0392 Β greek capital letter beta
1D758	<b>Γ</b>	MATHEMATICAL SANS-SERIF BOLD CAPITAL GAMMA ≈ <font> 0393 Γ greek capital letter gamma
1D759	<b>Δ</b>	MATHEMATICAL SANS-SERIF BOLD CAPITAL DELTA ≈ <font> 0394 Δ greek capital letter delta
1D75A	<b>Ε</b>	MATHEMATICAL SANS-SERIF BOLD CAPITAL EPSILON ≈ <font> 0395 Ε greek capital letter epsilon
1D75B	<b>Ζ</b>	MATHEMATICAL SANS-SERIF BOLD CAPITAL ZETA ≈ <font> 0396 Ζ greek capital letter zeta
1D75C	<b>Η</b>	MATHEMATICAL SANS-SERIF BOLD CAPITAL ETA ≈ <font> 0397 Η greek capital letter eta
1D75D	<b>Θ</b>	MATHEMATICAL SANS-SERIF BOLD CAPITAL THETA ≈ <font> 0398 Θ greek capital letter theta
1D75E	<b>Ι</b>	MATHEMATICAL SANS-SERIF BOLD CAPITAL IOTA ≈ <font> 0399 Ι greek capital letter iota
1D75F	<b>Κ</b>	MATHEMATICAL SANS-SERIF BOLD CAPITAL KAPPA ≈ <font> 039A Κ greek capital letter kappa
1D760	<b>Λ</b>	MATHEMATICAL SANS-SERIF BOLD CAPITAL LAMDA ≈ <font> 039B Λ greek capital letter lamda

1D761	<b>M</b>	MATHEMATICAL SANS-SERIF BOLD CAPITAL MU ≈ <font> 039C <b>M</b> greek capital letter mu	1D778	<b>ι</b>	MATHEMATICAL SANS-SERIF BOLD SMALL IOTA ≈ <font> 03B9 <b>ι</b> greek small letter iota
1D762	<b>N</b>	MATHEMATICAL SANS-SERIF BOLD CAPITAL NU ≈ <font> 039D <b>N</b> greek capital letter nu	1D779	<b>κ</b>	MATHEMATICAL SANS-SERIF BOLD SMALL KAPPA ≈ <font> 03BA <b>κ</b> greek small letter kappa
1D763	<b>Ξ</b>	MATHEMATICAL SANS-SERIF BOLD CAPITAL XI ≈ <font> 039E <b>Ξ</b> greek capital letter xi	1D77A	<b>λ</b>	MATHEMATICAL SANS-SERIF BOLD SMALL LAMDA ≈ <font> 03BB <b>λ</b> greek small letter lamda
1D764	<b>Ο</b>	MATHEMATICAL SANS-SERIF BOLD CAPITAL OMICRON ≈ <font> 039F <b>Ο</b> greek capital letter omicron	1D77B	<b>μ</b>	MATHEMATICAL SANS-SERIF BOLD SMALL MU ≈ <font> 03BC <b>μ</b> greek small letter mu
1D765	<b>Π</b>	MATHEMATICAL SANS-SERIF BOLD CAPITAL PI ≈ <font> 03A0 <b>Π</b> greek capital letter pi	1D77C	<b>ν</b>	MATHEMATICAL SANS-SERIF BOLD SMALL NU ≈ <font> 03BD <b>ν</b> greek small letter nu
1D766	<b>Ρ</b>	MATHEMATICAL SANS-SERIF BOLD CAPITAL RHO ≈ <font> 03A1 <b>Ρ</b> greek capital letter rho	1D77D	<b>ξ</b>	MATHEMATICAL SANS-SERIF BOLD SMALL XI ≈ <font> 03BE <b>ξ</b> greek small letter xi
1D767	<b>Θ</b>	MATHEMATICAL SANS-SERIF BOLD CAPITAL THETA SYMBOL ≈ <font> 03F4 <b>Θ</b> greek capital theta symbol	1D77E	<b>ο</b>	MATHEMATICAL SANS-SERIF BOLD SMALL OMICRON ≈ <font> 03BF <b>ο</b> greek small letter omicron
1D768	<b>Σ</b>	MATHEMATICAL SANS-SERIF BOLD CAPITAL SIGMA ≈ <font> 03A3 <b>Σ</b> greek capital letter sigma	1D77F	<b>π</b>	MATHEMATICAL SANS-SERIF BOLD SMALL PI ≈ <font> 03C0 <b>π</b> greek small letter pi
1D769	<b>Τ</b>	MATHEMATICAL SANS-SERIF BOLD CAPITAL TAU ≈ <font> 03A4 <b>Τ</b> greek capital letter tau	1D780	<b>ρ</b>	MATHEMATICAL SANS-SERIF BOLD SMALL RHO ≈ <font> 03C1 <b>ρ</b> greek small letter rho
1D76A	<b>Υ</b>	MATHEMATICAL SANS-SERIF BOLD CAPITAL UPSILON ≈ <font> 03A5 <b>Υ</b> greek capital letter upsilon	1D781	<b>ς</b>	MATHEMATICAL SANS-SERIF BOLD SMALL FINAL SIGMA ≈ <font> 03C2 <b>ς</b> greek small letter final sigma
1D76B	<b>Φ</b>	MATHEMATICAL SANS-SERIF BOLD CAPITAL PHI ≈ <font> 03A6 <b>Φ</b> greek capital letter phi	1D782	<b>σ</b>	MATHEMATICAL SANS-SERIF BOLD SMALL SIGMA ≈ <font> 03C3 <b>σ</b> greek small letter sigma
1D76C	<b>Χ</b>	MATHEMATICAL SANS-SERIF BOLD CAPITAL CHI ≈ <font> 03A7 <b>Χ</b> greek capital letter chi	1D783	<b>τ</b>	MATHEMATICAL SANS-SERIF BOLD SMALL TAU ≈ <font> 03C4 <b>τ</b> greek small letter tau
1D76D	<b>Ψ</b>	MATHEMATICAL SANS-SERIF BOLD CAPITAL PSI ≈ <font> 03A8 <b>Ψ</b> greek capital letter psi	1D784	<b>υ</b>	MATHEMATICAL SANS-SERIF BOLD SMALL UPSILON ≈ <font> 03C5 <b>υ</b> greek small letter upsilon
1D76E	<b>Ω</b>	MATHEMATICAL SANS-SERIF BOLD CAPITAL OMEGA ≈ <font> 03A9 <b>Ω</b> greek capital letter omega	1D785	<b>φ</b>	MATHEMATICAL SANS-SERIF BOLD SMALL PHI ≈ <font> 03C6 <b>φ</b> greek small letter phi
1D76F	<b>∇</b>	MATHEMATICAL SANS-SERIF BOLD NABLA ≈ <font> 2207 <b>∇</b> nabla	1D786	<b>χ</b>	MATHEMATICAL SANS-SERIF BOLD SMALL CHI ≈ <font> 03C7 <b>χ</b> greek small letter chi
1D770	<b>α</b>	MATHEMATICAL SANS-SERIF BOLD SMALL ALPHA ≈ <font> 03B1 <b>α</b> greek small letter alpha	1D787	<b>ψ</b>	MATHEMATICAL SANS-SERIF BOLD SMALL PSI ≈ <font> 03C8 <b>ψ</b> greek small letter psi
1D771	<b>β</b>	MATHEMATICAL SANS-SERIF BOLD SMALL BETA ≈ <font> 03B2 <b>β</b> greek small letter beta	1D788	<b>ω</b>	MATHEMATICAL SANS-SERIF BOLD SMALL OMEGA ≈ <font> 03C9 <b>ω</b> greek small letter omega
1D772	<b>γ</b>	MATHEMATICAL SANS-SERIF BOLD SMALL GAMMA ≈ <font> 03B3 <b>γ</b> greek small letter gamma			<b>Additional sans-serif bold Greek symbols</b>
1D773	<b>δ</b>	MATHEMATICAL SANS-SERIF BOLD SMALL DELTA ≈ <font> 03B4 <b>δ</b> greek small letter delta	1D789	<b>∂</b>	MATHEMATICAL SANS-SERIF BOLD PARTIAL DIFFERENTIAL ≈ <font> 2202 <b>∂</b> partial differential
1D774	<b>ε</b>	MATHEMATICAL SANS-SERIF BOLD SMALL EPSILON ≈ <font> 03B5 <b>ε</b> greek small letter epsilon	1D78A	<b>ϵ</b>	MATHEMATICAL SANS-SERIF BOLD EPSILON SYMBOL ≈ <font> 03F5 <b>ϵ</b> greek lunate epsilon symbol
1D775	<b>ζ</b>	MATHEMATICAL SANS-SERIF BOLD SMALL ZETA ≈ <font> 03B6 <b>ζ</b> greek small letter zeta	1D78B	<b>ϑ</b>	MATHEMATICAL SANS-SERIF BOLD THETA SYMBOL ≈ <font> 03D1 <b>ϑ</b> greek theta symbol
1D776	<b>η</b>	MATHEMATICAL SANS-SERIF BOLD SMALL ETA ≈ <font> 03B7 <b>η</b> greek small letter eta	1D78C	<b>κ</b>	MATHEMATICAL SANS-SERIF BOLD KAPPA SYMBOL ≈ <font> 03F0 <b>κ</b> greek kappa symbol
1D777	<b>θ</b>	MATHEMATICAL SANS-SERIF BOLD SMALL THETA ≈ <font> 03B8 <b>θ</b> greek small letter theta	1D78D	<b>ϕ</b>	MATHEMATICAL SANS-SERIF BOLD PHI SYMBOL ≈ <font> 03D5 <b>ϕ</b> greek phi symbol
			1D78E	<b>ρ</b>	MATHEMATICAL SANS-SERIF BOLD RHO SYMBOL ≈ <font> 03F1 <b>ρ</b> greek rho symbol
			1D78F	<b>ϖ</b>	MATHEMATICAL SANS-SERIF BOLD PI SYMBOL ≈ <font> 03D6 <b>ϖ</b> greek pi symbol

## **Additional sans-serif bold Greek symbols**

1D771	<b>β</b>	MATHEMATICAL SANS-SERIF BOLD SMALL BETA ≈ <font> 03B2 β greek small letter beta	1D789	<b>δ</b>	MATHEMATICAL SANS-SERIF BOLD PARTIAL DIFFERENTIAL ≈ <font> 2202 δ partial differential
1D772	<b>γ</b>	MATHEMATICAL SANS-SERIF BOLD SMALL GAMMA ≈ <font> 03B3 γ greek small letter gamma	1D78A	<b>ε</b>	MATHEMATICAL SANS-SERIF BOLD EPSILON SYMBOL ≈ <font> 03F5 ε greek lunate epsilon symbol
1D773	<b>δ</b>	MATHEMATICAL SANS-SERIF BOLD SMALL DELTA ≈ <font> 03B4 δ greek small letter delta	1D78B	<b>θ</b>	MATHEMATICAL SANS-SERIF BOLD THETA SYMBOL ≈ <font> 03D1 θ greek theta symbol
1D774	<b>ε</b>	MATHEMATICAL SANS-SERIF BOLD SMALL EPSILON ≈ <font> 03B5 ε greek small letter epsilon	1D78C	<b>κ</b>	MATHEMATICAL SANS-SERIF BOLD KAPPA SYMBOL ≈ <font> 03F0 κ greek kappa symbol
1D775	<b>ζ</b>	MATHEMATICAL SANS-SERIF BOLD SMALL ZETA ≈ <font> 03B6 ζ greek small letter zeta	1D78D	<b>φ</b>	MATHEMATICAL SANS-SERIF BOLD PHI SYMBOL ≈ <font> 03D5 φ greek phi symbol
1D776	<b>η</b>	MATHEMATICAL SANS-SERIF BOLD SMALL ETA ≈ <font> 03B7 η greek small letter eta	1D78E	<b>ρ</b>	MATHEMATICAL SANS-SERIF BOLD RHO SYMBOL ≈ <font> 03F1 ρ greek rho symbol
1D777	<b>θ</b>	MATHEMATICAL SANS-SERIF BOLD SMALL THETA ≈ <font> 03B8 θ greek small letter theta	1D78F	<b>ϖ</b>	MATHEMATICAL SANS-SERIF BOLD PI SYMBOL ≈ <font> 03D6 ϖ greek pi symbol

1D790

## Mathematical Alphanumeric Symbols

1D7B9

**Sans-serif bold italic Greek symbols**

- 1D790 **A** MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL ALPHA  
 $\approx \text{<font> 0391 A}$  greek capital letter alpha
- 1D791 **B** MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL BETA  
 $\approx \text{<font> 0392 B}$  greek capital letter beta
- 1D792 **Γ** MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL GAMMA  
 $\approx \text{<font> 0393 Γ}$  greek capital letter gamma
- 1D793 **Δ** MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL DELTA  
 $\approx \text{<font> 0394 Δ}$  greek capital letter delta
- 1D794 **Ε** MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL EPSILON  
 $\approx \text{<font> 0395 Ε}$  greek capital letter epsilon
- 1D795 **Ζ** MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL ZETA  
 $\approx \text{<font> 0396 Ζ}$  greek capital letter zeta
- 1D796 **Η** MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL ETA  
 $\approx \text{<font> 0397 Η}$  greek capital letter eta
- 1D797 **Θ** MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL THETA  
 $\approx \text{<font> 0398 Θ}$  greek capital letter theta
- 1D798 **Ι** MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL IOTA  
 $\approx \text{<font> 0399 Ι}$  greek capital letter iota
- 1D799 **Κ** MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL KAPPA  
 $\approx \text{<font> 039A Κ}$  greek capital letter kappa
- 1D79A **Λ** MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL LAMDA  
 $\approx \text{<font> 039B Λ}$  greek capital letter lamda
- 1D79B **Μ** MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL MU  
 $\approx \text{<font> 039C Μ}$  greek capital letter mu
- 1D79C **Ν** MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL NU  
 $\approx \text{<font> 039D Ν}$  greek capital letter nu
- 1D79D **Ξ** MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL XI  
 $\approx \text{<font> 039E Ξ}$  greek capital letter xi
- 1D79E **Ο** MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL OMICRON  
 $\approx \text{<font> 039F Ο}$  greek capital letter omicron
- 1D79F **Π** MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL PI  
 $\approx \text{<font> 03A0 Π}$  greek capital letter pi
- 1D7A0 **Ρ** MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL RHO  
 $\approx \text{<font> 03A1 Ρ}$  greek capital letter rho
- 1D7A1 **Θ** MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL THETA SYMBOL  
 $\approx \text{<font> 03F4 Θ}$  greek capital theta symbol
- 1D7A2 **Σ** MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL SIGMA  
 $\approx \text{<font> 03A3 Σ}$  greek capital letter sigma
- 1D7A3 **Τ** MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL TAU  
 $\approx \text{<font> 03A4 Τ}$  greek capital letter tau
- 1D7A4 **Υ** MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL UPSILON  
 $\approx \text{<font> 03A5 Υ}$  greek capital letter upsilon

- 1D7A5 **Φ** MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL PHI  
 $\approx \text{<font> 03A6 Φ}$  greek capital letter phi
- 1D7A6 **Χ** MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL CHI  
 $\approx \text{<font> 03A7 Χ}$  greek capital letter chi
- 1D7A7 **Ψ** MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL PSI  
 $\approx \text{<font> 03A8 Ψ}$  greek capital letter psi
- 1D7A8 **Ω** MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL OMEGA  
 $\approx \text{<font> 03A9 Ω}$  greek capital letter omega
- 1D7A9 **∇** MATHEMATICAL SANS-SERIF BOLD ITALIC NABLA  
 $\approx \text{<font> 2207 ∇}$  nabla
- 1D7AA **α** MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL ALPHA  
 $\approx \text{<font> 03B1 α}$  greek small letter alpha
- 1D7AB **β** MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL BETA  
 $\approx \text{<font> 03B2 β}$  greek small letter beta
- 1D7AC **γ** MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL GAMMA  
 $\approx \text{<font> 03B3 γ}$  greek small letter gamma
- 1D7AD **δ** MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL DELTA  
 $\approx \text{<font> 03B4 δ}$  greek small letter delta
- 1D7AE **ε** MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL EPSILON  
 $\approx \text{<font> 03B5 ε}$  greek small letter epsilon
- 1D7AF **ζ** MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL ZETA  
 $\approx \text{<font> 03B6 ζ}$  greek small letter zeta
- 1D7B0 **η** MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL ETA  
 $\approx \text{<font> 03B7 η}$  greek small letter eta
- 1D7B1 **θ** MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL THETA  
 $\approx \text{<font> 03B8 θ}$  greek small letter theta
- 1D7B2 **ι** MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL IOTA  
 $\approx \text{<font> 03B9 ι}$  greek small letter iota
- 1D7B3 **κ** MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL KAPPA  
 $\approx \text{<font> 03BA κ}$  greek small letter kappa
- 1D7B4 **λ** MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL LAMDA  
 $\approx \text{<font> 03BB λ}$  greek small letter lamda
- 1D7B5 **μ** MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL MU  
 $\approx \text{<font> 03BC μ}$  greek small letter mu
- 1D7B6 **ν** MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL NU  
 $\approx \text{<font> 03BD ν}$  greek small letter nu
- 1D7B7 **ξ** MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL XI  
 $\approx \text{<font> 03BE ξ}$  greek small letter xi
- 1D7B8 **ο** MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL OMICRON  
 $\approx \text{<font> 03BF ο}$  greek small letter omicron
- 1D7B9 **π** MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL PI  
 $\approx \text{<font> 03C0 π}$  greek small letter pi

1D7BA	$\rho$	MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL RHO ≈ <font> 03C1 ρ greek small letter rho
1D7BB	$\varsigma$	MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL FINAL SIGMA ≈ <font> 03C2 ζ greek small letter final sigma
1D7BC	$\sigma$	MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL SIGMA ≈ <font> 03C3 σ greek small letter sigma
1D7BD	$\tau$	MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL TAU ≈ <font> 03C4 τ greek small letter tau
1D7BE	$\upsilon$	MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL UPSILON ≈ <font> 03C5 υ greek small letter upsilon
1D7BF	$\phi$	MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL PHI ≈ <font> 03C6 φ greek small letter phi
1D7C0	$\chi$	MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL CHI ≈ <font> 03C7 χ greek small letter chi
1D7C1	$\psi$	MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL PSI ≈ <font> 03C8 ψ greek small letter psi
1D7C2	$\omega$	MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL OMEGA ≈ <font> 03C9 ω greek small letter omega

**Additional sans-serif bold italic Greek symbols**

1D7C3	$\partial$	MATHEMATICAL SANS-SERIF BOLD ITALIC PARTIAL DIFFERENTIAL ≈ <font> 2202 ∂ partial differential
1D7C4	$\epsilon$	MATHEMATICAL SANS-SERIF BOLD ITALIC EPSILON SYMBOL ≈ <font> 03F5 ε greek lunate epsilon symbol
1D7C5	$\theta$	MATHEMATICAL SANS-SERIF BOLD ITALIC THETA SYMBOL ≈ <font> 03D1 θ greek theta symbol
1D7C6	$\kappa$	MATHEMATICAL SANS-SERIF BOLD ITALIC KAPPA SYMBOL ≈ <font> 03F0 κ greek kappa symbol
1D7C7	$\phi$	MATHEMATICAL SANS-SERIF BOLD ITALIC PHI SYMBOL ≈ <font> 03D5 φ greek phi symbol
1D7C8	$\rho$	MATHEMATICAL SANS-SERIF BOLD ITALIC RHO SYMBOL ≈ <font> 03F1 ρ greek rho symbol
1D7C9	$\pi$	MATHEMATICAL SANS-SERIF BOLD ITALIC PI SYMBOL ≈ <font> 03D6 π greek pi symbol

**Additional bold Greek symbols**

1D7CA	$F$	MATHEMATICAL BOLD CAPITAL DIGAMMA ≈ <font> 03DC F greek letter digamma
1D7CB	$f$	MATHEMATICAL BOLD SMALL DIGAMMA ≈ <font> 03DD f greek small letter digamma

**Bold digits**

1D7CE	$0$	MATHEMATICAL BOLD DIGIT ZERO ≈ <font> 0030 0 digit zero
1D7CF	$1$	MATHEMATICAL BOLD DIGIT ONE ≈ <font> 0031 1 digit one
1D7D0	$2$	MATHEMATICAL BOLD DIGIT TWO ≈ <font> 0032 2 digit two
1D7D1	$3$	MATHEMATICAL BOLD DIGIT THREE ≈ <font> 0033 3 digit three

1D7D2	$4$	MATHEMATICAL BOLD DIGIT FOUR ≈ <font> 0034 4 digit four
1D7D3	$5$	MATHEMATICAL BOLD DIGIT FIVE ≈ <font> 0035 5 digit five
1D7D4	$6$	MATHEMATICAL BOLD DIGIT SIX ≈ <font> 0036 6 digit six
1D7D5	$7$	MATHEMATICAL BOLD DIGIT SEVEN ≈ <font> 0037 7 digit seven
1D7D6	$8$	MATHEMATICAL BOLD DIGIT EIGHT ≈ <font> 0038 8 digit eight
1D7D7	$9$	MATHEMATICAL BOLD DIGIT NINE ≈ <font> 0039 9 digit nine

**Double-struck digits**

1D7D8	$0$	MATHEMATICAL DOUBLE-STRUCK DIGIT ZERO ≈ <font> 0030 0 digit zero
1D7D9	$1$	MATHEMATICAL DOUBLE-STRUCK DIGIT ONE ≈ <font> 0031 1 digit one
1D7DA	$2$	MATHEMATICAL DOUBLE-STRUCK DIGIT TWO ≈ <font> 0032 2 digit two
1D7DB	$3$	MATHEMATICAL DOUBLE-STRUCK DIGIT THREE ≈ <font> 0033 3 digit three
1D7DC	$4$	MATHEMATICAL DOUBLE-STRUCK DIGIT FOUR ≈ <font> 0034 4 digit four
1D7DD	$5$	MATHEMATICAL DOUBLE-STRUCK DIGIT FIVE ≈ <font> 0035 5 digit five
1D7DE	$6$	MATHEMATICAL DOUBLE-STRUCK DIGIT SIX ≈ <font> 0036 6 digit six
1D7DF	$7$	MATHEMATICAL DOUBLE-STRUCK DIGIT SEVEN ≈ <font> 0037 7 digit seven
1D7E0	$8$	MATHEMATICAL DOUBLE-STRUCK DIGIT EIGHT ≈ <font> 0038 8 digit eight
1D7E1	$9$	MATHEMATICAL DOUBLE-STRUCK DIGIT NINE ≈ <font> 0039 9 digit nine

**Sans-serif digits**

1D7E2	$0$	MATHEMATICAL SANS-SERIF DIGIT ZERO ≈ <font> 0030 0 digit zero
1D7E3	$1$	MATHEMATICAL SANS-SERIF DIGIT ONE ≈ <font> 0031 1 digit one
1D7E4	$2$	MATHEMATICAL SANS-SERIF DIGIT TWO ≈ <font> 0032 2 digit two
1D7E5	$3$	MATHEMATICAL SANS-SERIF DIGIT THREE ≈ <font> 0033 3 digit three
1D7E6	$4$	MATHEMATICAL SANS-SERIF DIGIT FOUR ≈ <font> 0034 4 digit four
1D7E7	$5$	MATHEMATICAL SANS-SERIF DIGIT FIVE ≈ <font> 0035 5 digit five
1D7E8	$6$	MATHEMATICAL SANS-SERIF DIGIT SIX ≈ <font> 0036 6 digit six
1D7E9	$7$	MATHEMATICAL SANS-SERIF DIGIT SEVEN ≈ <font> 0037 7 digit seven
1D7EA	$8$	MATHEMATICAL SANS-SERIF DIGIT EIGHT ≈ <font> 0038 8 digit eight
1D7EB	$9$	MATHEMATICAL SANS-SERIF DIGIT NINE ≈ <font> 0039 9 digit nine

**Sans-serif bold digits**

1D7EC	$0$	MATHEMATICAL SANS-SERIF BOLD DIGIT ZERO ≈ <font> 0030 0 digit zero
1D7ED	$1$	MATHEMATICAL SANS-SERIF BOLD DIGIT ONE ≈ <font> 0031 1 digit one

- 1D7EE 2 MATHEMATICAL SANS-SERIF BOLD DIGIT TWO  
     ≈ <font> 0032 2 digit two
- 1D7EF 3 MATHEMATICAL SANS-SERIF BOLD DIGIT THREE  
     ≈ <font> 0033 3 digit three
- 1D7F0 4 MATHEMATICAL SANS-SERIF BOLD DIGIT FOUR  
     ≈ <font> 0034 4 digit four
- 1D7F1 5 MATHEMATICAL SANS-SERIF BOLD DIGIT FIVE  
     ≈ <font> 0035 5 digit five
- 1D7F2 6 MATHEMATICAL SANS-SERIF BOLD DIGIT SIX  
     ≈ <font> 0036 6 digit six
- 1D7F3 7 MATHEMATICAL SANS-SERIF BOLD DIGIT SEVEN  
     ≈ <font> 0037 7 digit seven
- 1D7F4 8 MATHEMATICAL SANS-SERIF BOLD DIGIT EIGHT  
     ≈ <font> 0038 8 digit eight
- 1D7F5 9 MATHEMATICAL SANS-SERIF BOLD DIGIT NINE  
     ≈ <font> 0039 9 digit nine

**Monospace digits**

- 1D7F6 0 MATHEMATICAL MONOSPACE DIGIT ZERO  
     ≈ <font> 0030 0 digit zero
- 1D7F7 1 MATHEMATICAL MONOSPACE DIGIT ONE  
     ≈ <font> 0031 1 digit one
- 1D7F8 2 MATHEMATICAL MONOSPACE DIGIT TWO  
     ≈ <font> 0032 2 digit two
- 1D7F9 3 MATHEMATICAL MONOSPACE DIGIT THREE  
     ≈ <font> 0033 3 digit three
- 1D7FA 4 MATHEMATICAL MONOSPACE DIGIT FOUR  
     ≈ <font> 0034 4 digit four
- 1D7FB 5 MATHEMATICAL MONOSPACE DIGIT FIVE  
     ≈ <font> 0035 5 digit five
- 1D7FC 6 MATHEMATICAL MONOSPACE DIGIT SIX  
     ≈ <font> 0036 6 digit six
- 1D7FD 7 MATHEMATICAL MONOSPACE DIGIT SEVEN  
     ≈ <font> 0037 7 digit seven
- 1D7FE 8 MATHEMATICAL MONOSPACE DIGIT EIGHT  
     ≈ <font> 0038 8 digit eight
- 1D7FF 9 MATHEMATICAL MONOSPACE DIGIT NINE  
     ≈ <font> 0039 9 digit nine

	1D80	1D81	1D82	1D83	1D84	1D85	1D86	1D87	1D88	1D89	1D8A	1D8B	1D8C	1D8D	1D8E
0	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
1	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
2	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
3	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
4	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
5	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
6	□	□	□	□	□	□	□	○	□	□	□	□	□	□	□
7	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
8	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
9	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
A	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
B	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
C	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
D	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
E	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
F	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
	1D800	1D810	1D820	1D830	1D840	1D850	1D860	1D870	1D880	1D890	1D8A0	1D8B0	1D8C0	1D8D0	1D8E0
	1D801	1D811	1D821	1D831	1D841	1D851	1D861	1D871	1D881	1D891	1D8A1	1D8B1	1D8C1	1D8D1	1D8E1
	1D802	1D812	1D822	1D832	1D842	1D852	1D862	1D872	1D882	1D892	1D8A2	1D8B2	1D8C2	1D8D2	1D8E2
	1D803	1D813	1D823	1D833	1D843	1D853	1D863	1D873	1D883	1D893	1D8A3	1D8B3	1D8C3	1D8D3	1D8E3
	1D804	1D814	1D824	1D834	1D844	1D854	1D864	1D874	1D884	1D894	1D8A4	1D8B4	1D8C4	1D8D4	1D8E4
	1D805	1D815	1D825	1D835	1D845	1D855	1D865	1D875	1D885	1D895	1D8A5	1D8B5	1D8C5	1D8D5	1D8E5
	1D806	1D816	1D826	1D836	1D846	1D856	1D866	1D876	1D886	1D896	1D8A6	1D8B6	1D8C6	1D8D6	1D8E6
	1D807	1D817	1D827	1D837	1D847	1D857	1D867	1D877	1D887	1D897	1D8A7	1D8B7	1D8C7	1D8D7	1D8E7
	1D808	1D818	1D828	1D838	1D848	1D858	1D868	1D878	1D888	1D898	1D8A8	1D8B8	1D8C8	1D8D8	1D8E8
	1D809	1D819	1D829	1D839	1D849	1D859	1D869	1D879	1D889	1D899	1D8A9	1D8B9	1D8C9	1D8D9	1D8E9
	1D80A	1D81A	1D82A	1D83A	1D84A	1D85A	1D86A	1D87A	1D88A	1D89A	1D8AA	1D8BA	1D8CA	1D8DA	1D8EA
	1D80B	1D81B	1D82B	1D83B	1D84B	1D85B	1D86B	1D87B	1D88B	1D89B	1D8AB	1D8BB	1D8CB	1D8DB	1D8EB
	1D80C	1D81C	1D82C	1D83C	1D84C	1D85C	1D86C	1D87C	1D88C	1D89C	1D8AC	1D8BC	1D8CC	1D8DC	1D8EC
	1D80D	1D81D	1D82D	1D83D	1D84D	1D85D	1D86D	1D87D	1D88D	1D89D	1D8AD	1D8BD	1D8CD	1D8DD	1D8ED
	1D80E	1D81E	1D82E	1D83E	1D84E	1D85E	1D86E	1D87E	1D88E	1D89E	1D8AE	1D8BE	1D8CE	1D8DE	1D8EE
	1D80F	1D81F	1D82F	1D83F	1D84F	1D85F	1D86F	1D87F	1D88F	1D89F	1D8AF	1D8BF	1D8CF	1D8DF	1D8EF

1D8F	1D90	1D91	1D92	1D93	1D94	1D95	1D96	1D97	1D98	1D99	1D9A	1D9B	1D9C
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0 1D8F0	1D900	1D910	1D920	1D930	1D940	1D950	1D960	1D970	1D980	1D990	1D9A0	1D9B0	1D9C0
1 1D8F1	1D901	1D911	1D921	1D931	1D941	1D951	1D961	1D971	1D981	1D991	1D9A1	1D9B1	1D9C1
2 1D8F2	1D902	1D912	1D922	1D932	1D942	1D952	1D962	1D972	1D982	1D992	1D9A2	1D9B2	1D9C2
3 1D8F3	1D903	1D913	1D923	1D933	1D943	1D953	1D963	1D973	1D983	1D993	1D9A3	1D9B3	1D9C3
4 1D8F4	1D904	1D914	1D924	1D934	1D944	1D954	1D964	1D974	1D984	1D994	1D9A4	1D9B4	1D9C4
5 1D8F5	1D905	1D915	1D925	1D935	1D945	1D955	1D965	1D975	1D985	1D995	1D9A5	1D9B5	1D9C5
6 1D8F6	1D906	1D916	1D926	1D936	1D946	1D956	1D966	1D976	1D986	1D996	1D9A6	1D9B6	1D9C6
7 1D8F7	1D907	1D917	1D927	1D937	1D947	1D957	1D967	1D977	1D987	1D997	1D9A7	1D9B7	1D9C7
8 1D8F8	1D908	1D918	1D928	1D938	1D948	1D958	1D968	1D978	1D988	1D998	1D9A8	1D9B8	1D9C8
9 1D8F9	1D909	1D919	1D929	1D939	1D949	1D959	1D969	1D979	1D989	1D999	1D9A9	1D9B9	1D9C9
A 1D8FA	1D90A	1D91A	1D92A	1D93A	1D94A	1D95A	1D96A	1D97A	1D98A	1D99A	1D9AA	1D9BA	1D9CA
B 1D8FB	1D90B	1D91B	1D92B	1D93B	1D94B	1D95B	1D96B	1D97B	1D98B	1D99B	1D9AB	1D9BB	1D9CB
C 1D8FC	1D90C	1D91C	1D92C	1D93C	1D94C	1D95C	1D96C	1D97C	1D98C	1D99C	1D9AC	1D9BC	1D9CC
D 1D8FD	1D90D	1D91D	1D92D	1D93D	1D94D	1D95D	1D96D	1D97D	1D98D	1D99D	1D9AD	1D9BD	1D9CD
E 1D8FE	1D90E	1D91E	1D92E	1D93E	1D94E	1D95E	1D96E	1D97E	1D98E	1D99E	1D9AE	1D9BE	1D9CE
F 1D8FF	1D90F	1D91F	1D92F	1D93F	1D94F	1D95F	1D96F	1D97F	1D98F	1D99F	1D9AF	1D9BF	1D9CF

	1D9D	1D9E	1D9F	1DA0	1DA1	1DA2	1DA3	1DA4	1DA5	1DA6	1DA7	1DA8	1DA9	1DAA		
0																
1																1DAA1
2																1DAA2
3																1DAA3
4																1DAA4
5																1DAA5
6																1DAA6
7																1DAA7
8																1DAA8
9																1DAA9
A																1DAAA
B																1DAB
C															1DACC	
D															1DAD	
E															1DAE	1DAAE
F															1DAAF	1DAAF

1D800

Sutton SignWriting

1D846

**Handshapes with index finger**

- 1D800 ⌈ SIGNWRITING HAND-FIST INDEX  
 1D801 ⌈ SIGNWRITING HAND-CIRCLE INDEX  
 1D802 ⌈ SIGNWRITING HAND-CUP INDEX  
 1D803 ⌈ SIGNWRITING HAND-OVAL INDEX  
 1D804 ⌈ SIGNWRITING HAND-HINGE INDEX  
 1D805 ⌈ SIGNWRITING HAND-ANGLE INDEX  
 1D806 ⌈ SIGNWRITING HAND-FIST INDEX BENT  
 1D807 ⌈ SIGNWRITING HAND-CIRCLE INDEX BENT  
 1D808 ⌈ SIGNWRITING HAND-FIST THUMB UNDER INDEX BENT  
 1D809 ⌈ SIGNWRITING HAND-FIST INDEX RAISED KNUCKLE  
 1D80A ⌈ SIGNWRITING HAND-FIST INDEX CUPPED  
 1D80B ⌈ SIGNWRITING HAND-FIST INDEX HINGED  
 1D80C ⌈ SIGNWRITING HAND-FIST INDEX HINGED LOW  
 1D80D ⌈ SIGNWRITING HAND-CIRCLE INDEX HINGE

**Handshapes with index and middle fingers**

- 1D80E ⌈ SIGNWRITING HAND-FIST INDEX MIDDLE  
 1D80F ⌈ SIGNWRITING HAND-CIRCLE INDEX MIDDLE  
 1D810 ⌈ SIGNWRITING HAND-FIST INDEX MIDDLE BENT  
 1D811 ⌈ SIGNWRITING HAND-FIST INDEX MIDDLE RAISED KNUCKLES  
 1D812 ⌈ SIGNWRITING HAND-FIST INDEX MIDDLE HINGED  
 1D813 ⌈ SIGNWRITING HAND-FIST INDEX UP MIDDLE HINGED  
 1D814 ⌈ SIGNWRITING HAND-FIST INDEX HINGED MIDDLE UP  
 1D815 ⌈ SIGNWRITING HAND-FIST INDEX MIDDLE CONJOINED  
 1D816 ⌈ SIGNWRITING HAND-FIST INDEX MIDDLE CONJOINED INDEX BENT  
 1D817 ⌈ SIGNWRITING HAND-FIST INDEX MIDDLE CONJOINED MIDDLE BENT  
 1D818 ⌈ SIGNWRITING HAND-FIST INDEX MIDDLE CONJOINED CUPPED  
 1D819 ⌈ SIGNWRITING HAND-FIST INDEX MIDDLE CONJOINED HINGED  
 1D81A ⌈ SIGNWRITING HAND-FIST INDEX MIDDLE CROSSED  
 1D81B ⌈ SIGNWRITING HAND-CIRCLE INDEX MIDDLE CROSSED  
 1D81C ⌈ SIGNWRITING HAND-FIST MIDDLE BENT OVER INDEX  
 1D81D ⌈ SIGNWRITING HAND-FIST INDEX BENT OVER MIDDLE

**Handshapes with index and middle fingers and thumb**

- 1D81E ⌈ SIGNWRITING HAND-FIST INDEX MIDDLE THUMB  
 1D81F ⌈ SIGNWRITING HAND-CIRCLE INDEX MIDDLE THUMB  
 1D820 ⌈ SIGNWRITING HAND-FIST INDEX MIDDLE STRAIGHT THUMB BENT  
 1D821 ⌈ SIGNWRITING HAND-FIST INDEX MIDDLE BENT THUMB STRAIGHT  
 1D822 ⌈ SIGNWRITING HAND-FIST INDEX MIDDLE THUMB BENT  
 1D823 ⌈ SIGNWRITING HAND-FIST INDEX MIDDLE HINGED SPREAD THUMB SIDE  
 1D824 ⌈ SIGNWRITING HAND-FIST INDEX UP MIDDLE HINGED THUMB SIDE  
 1D825 ⌈ SIGNWRITING HAND-FIST INDEX UP MIDDLE HINGED THUMB CONJOINED

- 1D826 ⌈ SIGNWRITING HAND-FIST INDEX HINGED MIDDLE UP THUMB SIDE

- 1D827 ⌈ SIGNWRITING HAND-FIST INDEX MIDDLE UP SPREAD THUMB FORWARD

- 1D828 ⌈ SIGNWRITING HAND-FIST INDEX MIDDLE THUMB CUPPED

- 1D829 ⌈ SIGNWRITING HAND-FIST INDEX MIDDLE THUMB CIRCLED

- 1D82A ⌈ SIGNWRITING HAND-FIST INDEX MIDDLE THUMB HOOKED

- 1D82B ⌈ SIGNWRITING HAND-FIST INDEX MIDDLE THUMB HINGED

- 1D82C ⌈ SIGNWRITING HAND-FIST THUMB BETWEEN INDEX MIDDLE STRAIGHT

- 1D82D ⌈ SIGNWRITING HAND-FIST INDEX MIDDLE CONJOINED THUMB SIDE

- 1D82E ⌈ SIGNWRITING HAND-FIST INDEX MIDDLE CONJOINED THUMB SIDE CONJOINED

- 1D82F ⌈ SIGNWRITING HAND-FIST INDEX MIDDLE CONJOINED THUMB SIDE BENT

- 1D830 ⌈ SIGNWRITING HAND-FIST MIDDLE THUMB HOOKED INDEX UP

- 1D831 ⌈ SIGNWRITING HAND-FIST INDEX THUMB HOOKED MIDDLE UP

- 1D832 ⌈ SIGNWRITING HAND-FIST INDEX MIDDLE CONJOINED HINGED THUMB SIDE

- 1D833 ⌈ SIGNWRITING HAND-FIST INDEX MIDDLE CROSSED THUMB SIDE

- 1D834 ⌈ SIGNWRITING HAND-FIST INDEX MIDDLE CONJOINED THUMB FORWARD

- 1D835 ⌈ SIGNWRITING HAND-FIST INDEX MIDDLE CONJOINED CUPPED THUMB FORWARD

- 1D836 ⌈ SIGNWRITING HAND-FIST MIDDLE THUMB CUPPED INDEX UP

- 1D837 ⌈ SIGNWRITING HAND-FIST INDEX THUMB CUPPED MIDDLE UP

- 1D838 ⌈ SIGNWRITING HAND-FIST MIDDLE THUMB CIRCLED INDEX UP

- 1D839 ⌈ SIGNWRITING HAND-FIST MIDDLE THUMB CIRCLED INDEX HINGED

- 1D83A ⌈ SIGNWRITING HAND-FIST INDEX THUMB ANGLED OUT MIDDLE UP

- 1D83B ⌈ SIGNWRITING HAND-FIST INDEX THUMB ANGLED IN MIDDLE UP

- 1D83C ⌈ SIGNWRITING HAND-FIST INDEX THUMB CIRCLED MIDDLE UP

- 1D83D ⌈ SIGNWRITING HAND-FIST INDEX MIDDLE THUMB CONJOINED HINGED

- 1D83E ⌈ SIGNWRITING HAND-FIST INDEX MIDDLE THUMB ANGLED OUT

- 1D83F ⌈ SIGNWRITING HAND-FIST INDEX MIDDLE THUMB ANGLED

- 1D840 ⌈ SIGNWRITING HAND-FIST MIDDLE THUMB ANGLED OUT INDEX UP

- 1D841 ⌈ SIGNWRITING HAND-FIST MIDDLE THUMB ANGLED OUT INDEX CROSSED

- 1D842 ⌈ SIGNWRITING HAND-FIST MIDDLE THUMB ANGLED INDEX UP

- 1D843 ⌈ SIGNWRITING HAND-FIST INDEX THUMB HOOKED MIDDLE HINGED

**Handshapes with four fingers**

- 1D844 ⌈ SIGNWRITING HAND-FLAT FOUR FINGERS

- 1D845 ⌈ SIGNWRITING HAND-FLAT FOUR FINGERS BENT

- 1D846 ⌈ SIGNWRITING HAND-FLAT FOUR FINGERS HINGED

1D847 Ⓛ SIGNWRITING HAND-FLAT FOUR FINGERS CONJOINED  
 1D848 Ⓜ SIGNWRITING HAND-FLAT FOUR FINGERS CONJOINED SPLIT  
 1D849 Ⓝ SIGNWRITING HAND-CLAW FOUR FINGERS CONJOINED  
 1D84A Ⓞ SIGNWRITING HAND-FIST FOUR FINGERS CONJOINED BENT  
 1D84B Ⓟ SIGNWRITING HAND-HINGE FOUR FINGERS CONJOINED

**Handshapes with five fingers**

1D84C Ⓠ SIGNWRITING HAND-FLAT FIVE FINGERS SPREAD  
 1D84D Ⓡ SIGNWRITING HAND-FLAT HEEL FIVE FINGERS SPREAD  
 1D84E Ⓢ SIGNWRITING HAND-FLAT FIVE FINGERS SPREAD FOUR BENT  
 1D84F Ⓣ SIGNWRITING HAND-FLAT HEEL FIVE FINGERS SPREAD FOUR BENT  
 1D850 Ⓤ SIGNWRITING HAND-FLAT FIVE FINGERS SPREAD BENT  
 1D851 Ⓥ SIGNWRITING HAND-FLAT HEEL FIVE FINGERS SPREAD BENT  
 1D852 Ⓦ SIGNWRITING HAND-FLAT FIVE FINGERS SPREAD THUMB FORWARD  
 1D853 Ⓧ SIGNWRITING HAND-CUP FIVE FINGERS SPREAD  
 1D854 Ⓨ SIGNWRITING HAND-CUP FIVE FINGERS SPREAD OPEN  
 1D855 Ⓩ SIGNWRITING HAND-HINGE FIVE FINGERS SPREAD OPEN  
 1D856 ⓐ SIGNWRITING HAND-OVAL FIVE FINGERS SPREAD  
 1D857 ⓑ SIGNWRITING HAND-FLAT FIVE FINGERS SPREAD HINGED  
 1D858 ⓒ SIGNWRITING HAND-FLAT FIVE FINGERS SPREAD HINGED THUMB SIDE  
 1D859 ⓓ SIGNWRITING HAND-FLAT FIVE FINGERS SPREAD HINGED NO THUMB  
 1D85A ⓔ SIGNWRITING HAND-FLAT  
 1D85B ⓕ SIGNWRITING HAND-FLAT BETWEEN PALM FACINGS  
 1D85C ⓖ SIGNWRITING HAND-FLAT HEEL  
 1D85D ⓗ SIGNWRITING HAND-FLAT THUMB SIDE  
 1D85E ⓘ SIGNWRITING HAND-FLAT HEEL THUMB SIDE  
 1D85F ⓙ SIGNWRITING HAND-FLAT THUMB BENT  
 1D860 ⓚ SIGNWRITING HAND-FLAT THUMB FORWARD  
 1D861 ⓛ SIGNWRITING HAND-FLAT SPLIT INDEX THUMB SIDE  
 1D862 ⓜ SIGNWRITING HAND-FLAT SPLIT CENTRE  
 1D863 ⓝ SIGNWRITING HAND-FLAT SPLIT CENTRE THUMB SIDE  
 1D864 ⓞ SIGNWRITING HAND-FLAT SPLIT CENTRE THUMB SIDE BENT  
 1D865 ⓟ SIGNWRITING HAND-FLAT SPLIT LITTLE  
 1D866 ⓠ SIGNWRITING HAND-CLAW  
 1D867 ⓡ SIGNWRITING HAND-CLAW THUMB SIDE  
 1D868 ⓢ SIGNWRITING HAND-CLAW NO THUMB  
 1D869 ⓣ SIGNWRITING HAND-CLAW THUMB FORWARD  
 1D86A ⓤ SIGNWRITING HAND-HOOK CURLICUE  
 1D86B ⓥ SIGNWRITING HAND-HOOK  
 1D86C ⓦ SIGNWRITING HAND-CUP OPEN  
 1D86D ⓧ SIGNWRITING HAND-CUP  
 1D86E ⓨ SIGNWRITING HAND-CUP OPEN THUMB SIDE

1D86F ⓪ SIGNWRITING HAND-CUP THUMB SIDE  
 1D870 ⓫ SIGNWRITING HAND-CUP OPEN NO THUMB  
 1D871 ⓬ SIGNWRITING HAND-CUP NO THUMB  
 1D872 ⓭ SIGNWRITING HAND-CUP OPEN THUMB FORWARD  
 1D873 ⓮ SIGNWRITING HAND-CUP THUMB FORWARD  
 1D874 ⓯ SIGNWRITING HAND-CURLICUE OPEN  
 1D875 ⓰ SIGNWRITING HAND-CURLICUE  
 1D876 ⓱ SIGNWRITING HAND-CIRCLE  
 1D877 ⓲ SIGNWRITING HAND-OVAL  
 1D878 ⓳ SIGNWRITING HAND-OVAL THUMB SIDE  
 1D879 ⓴ SIGNWRITING HAND-OVAL NO THUMB  
 1D87A ⓵ SIGNWRITING HAND-OVAL THUMB FORWARD  
 1D87B ⓶ SIGNWRITING HAND-HINGE OPEN  
 1D87C ⓷ SIGNWRITING HAND-HINGE OPEN THUMB FORWARD  
 1D87D ⓸ SIGNWRITING HAND-HINGE  
 1D87E ⓹ SIGNWRITING HAND-HINGE SMALL  
 1D87F ⓺ SIGNWRITING HAND-HINGE OPEN THUMB SIDE  
 1D880 ⓻ SIGNWRITING HAND-HINGE THUMB SIDE  
 1D881 ⓼ SIGNWRITING HAND-HINGE OPEN NO THUMB  
 1D882 ⓽ SIGNWRITING HAND-HINGE NO THUMB  
 1D883 ⓾ SIGNWRITING HAND-HINGE THUMB SIDE TOUCHING INDEX  
 1D884 ⓾ SIGNWRITING HAND-HINGE THUMB BETWEEN MIDDLE RING  
 1D885 ⓿ SIGNWRITING HAND-ANGLE

**Handshapes with little finger**

1D886 ⓾ SIGNWRITING HAND-FIST INDEX MIDDLE RING  
 1D887 ⓿ SIGNWRITING HAND-CIRCLE INDEX MIDDLE RING  
 1D888 ⓺ SIGNWRITING HAND-HINGE INDEX MIDDLE RING  
 1D889 ⓻ SIGNWRITING HAND-ANGLE INDEX MIDDLE RING  
 1D88A ⓻ SIGNWRITING HAND-HINGE LITTLE  
 1D88B ⓼ SIGNWRITING HAND-FIST INDEX MIDDLE RING BENT  
 1D88C ⓽ SIGNWRITING HAND-FIST INDEX MIDDLE RING CONJOINED  
 1D88D ⓾ SIGNWRITING HAND-HINGE INDEX MIDDLE RING CONJOINED  
 1D88E ⓽ SIGNWRITING HAND-FIST LITTLE DOWN  
 1D88F ⓾ SIGNWRITING HAND-FIST LITTLE DOWN RIPPLE STRAIGHT  
 1D889 ⓽ SIGNWRITING HAND-FIST LITTLE DOWN RIPPLE CURVED  
 1D891 ⓾ SIGNWRITING HAND-FIST LITTLE DOWN OTHERS CIRCLED  
 1D892 ⓽ SIGNWRITING HAND-FIST LITTLE UP  
 1D893 ⓾ SIGNWRITING HAND-FIST THUMB UNDER LITTLE UP  
 1D894 ⓽ SIGNWRITING HAND-CIRCLE LITTLE UP  
 1D895 ⓾ SIGNWRITING HAND-OVAL LITTLE UP  
 1D896 ⓽ SIGNWRITING HAND-ANGLE LITTLE UP  
 1D897 ⓽ SIGNWRITING HAND-FIST LITTLE RAISED KNUCKLE  
 1D898 ⓽ SIGNWRITING HAND-FIST LITTLE BENT  
 1D899 ⓽ SIGNWRITING HAND-FIST LITTLE TOUCHES THUMB  
 1D89A ⓽ SIGNWRITING HAND-FIST LITTLE THUMB  
 1D89B ⓽ SIGNWRITING HAND-HINGE LITTLE THUMB

1D89C

Sutton SignWriting

1D8E8

- 1D89C ☈ SIGNWRITING HAND-FIST LITTLE INDEX THUMB  
 1D89D ☉ SIGNWRITING HAND-HINGE LITTLE INDEX THUMB  
 1D89E ☊ SIGNWRITING HAND-ANGLE LITTLE INDEX THUMB INDEX THUMB OUT  
 1D89F ☋ SIGNWRITING HAND-ANGLE LITTLE INDEX THUMB INDEX THUMB  
 1D8A0 ☌ SIGNWRITING HAND-FIST LITTLE INDEX  
 1D8A1 ☍ SIGNWRITING HAND-CIRCLE LITTLE INDEX  
 1D8A2 ☎ SIGNWRITING HAND-HINGE LITTLE INDEX  
 1D8A3 ☏ SIGNWRITING HAND-ANGLE LITTLE INDEX

**Handshapes with ring finger**

- 1D8A4 ☘ SIGNWRITING HAND-FIST INDEX MIDDLE LITTLE  
 1D8A5 ☙ SIGNWRITING HAND-CIRCLE INDEX MIDDLE LITTLE  
 1D8A6 ☚ SIGNWRITING HAND-HINGE INDEX MIDDLE LITTLE  
 1D8A7 ☛ SIGNWRITING HAND-HINGE RING  
 1D8A8 ☜ SIGNWRITING HAND-ANGLE INDEX MIDDLE LITTLE  
 1D8A9 ☝ SIGNWRITING HAND-FIST INDEX MIDDLE CROSS LITTLE  
 1D8AA ☞ SIGNWRITING HAND-CIRCLE INDEX MIDDLE CROSS LITTLE  
 1D8AB ☙ SIGNWRITING HAND-FIST RING DOWN  
 1D8AC ☚ SIGNWRITING HAND-HINGE RING DOWN INDEX THUMB HOOK MIDDLE  
 1D8AD ☜ SIGNWRITING HAND-ANGLE RING DOWN MIDDLE THUMB INDEX CROSS  
 1D8AE ☝ SIGNWRITING HAND-FIST RING UP  
 1D8AF ☠ SIGNWRITING HAND-FIST RING RAISED KNUCKLE  
 1D8B0 ☙ SIGNWRITING HAND-FIST RING LITTLE  
 1D8B1 ☚ SIGNWRITING HAND-CIRCLE RING LITTLE  
 1D8B2 ☜ SIGNWRITING HAND-OVAL RING LITTLE  
 1D8B3 ☝ SIGNWRITING HAND-ANGLE RING LITTLE  
 1D8B4 ☙ SIGNWRITING HAND-FIST RING MIDDLE  
 1D8B5 ☚ SIGNWRITING HAND-FIST RING MIDDLE CONJOINED  
 1D8B6 ☜ SIGNWRITING HAND-FIST RING MIDDLE RAISED KNUCKLES  
 1D8B7 ☝ SIGNWRITING HAND-FIST RING INDEX  
 1D8B8 ☠ SIGNWRITING HAND-FIST RING THUMB  
 1D8B9 ☙ SIGNWRITING HAND-HOOK RING THUMB

**Handshapes with middle finger**

- 1D8BA ☙ SIGNWRITING HAND-FIST INDEX RING LITTLE  
 1D8BB ☚ SIGNWRITING HAND-CIRCLE INDEX RING LITTLE  
 1D8BC ☜ SIGNWRITING HAND-CURLICUE INDEX RING LITTLE ON  
 1D8BD ☝ SIGNWRITING HAND-HOOK INDEX RING LITTLE OUT  
 1D8BE ☠ SIGNWRITING HAND-HOOK INDEX RING LITTLE IN  
 1D8BF ☝ SIGNWRITING HAND-HOOK INDEX RING LITTLE UNDER  
 1D8C0 ☙ SIGNWRITING HAND-CUP INDEX RING LITTLE  
 1D8C1 ☚ SIGNWRITING HAND-HINGE INDEX RING LITTLE  
 1D8C2 ☜ SIGNWRITING HAND-ANGLE INDEX RING LITTLE OUT  
 1D8C3 ☝ SIGNWRITING HAND-ANGLE INDEX RING LITTLE

- 1D8C4 ☙ SIGNWRITING HAND-FIST MIDDLE DOWN  
 1D8C5 ☚ SIGNWRITING HAND-HINGE MIDDLE  
 1D8C6 ☙ SIGNWRITING HAND-FIST MIDDLE UP  
 1D8C7 ☜ SIGNWRITING HAND-CIRCLE MIDDLE UP  
 1D8C8 ☠ SIGNWRITING HAND-FIST MIDDLE RAISED KNUCKLE  
 1D8C9 ☙ SIGNWRITING HAND-FIST MIDDLE UP THUMB SIDE  
 1D8CA ☚ SIGNWRITING HAND-HOOK MIDDLE THUMB  
 1D8CB ☙ SIGNWRITING HAND-FIST MIDDLE THUMB LITTLE  
 1D8CC ☙ SIGNWRITING HAND-FIST MIDDLE LITTLE

**Handshapes with index finger and thumb**

- 1D8CD ☙ SIGNWRITING HAND-FIST MIDDLE RING LITTLE  
 1D8CE ☚ SIGNWRITING HAND-CIRCLE MIDDLE RING LITTLE  
 1D8CF ☜ SIGNWRITING HAND-CURLICUE MIDDLE RING LITTLE ON  
 1D8D0 ☝ SIGNWRITING HAND-CUP MIDDLE RING LITTLE  
 1D8D1 ☙ SIGNWRITING HAND-HINGE MIDDLE RING LITTLE  
 1D8D2 ☚ SIGNWRITING HAND-ANGLE MIDDLE RING LITTLE OUT  
 1D8D3 ☜ SIGNWRITING HAND-ANGLE MIDDLE RING LITTLE IN  
 1D8D4 ☝ SIGNWRITING HAND-ANGLE MIDDLE RING LITTLE  
 1D8D5 ☚ SIGNWRITING HAND-CIRCLE MIDDLE RING LITTLE BENT  
 1D8D6 ☙ SIGNWRITING HAND-CLAW MIDDLE RING LITTLE CONJOINED  
 1D8D7 ☚ SIGNWRITING HAND-CLAW MIDDLE RING LITTLE CONJOINED SIDE  
 1D8D8 ☜ SIGNWRITING HAND-HOOK MIDDLE RING LITTLE CONJOINED OUT  
 1D8D9 ☝ SIGNWRITING HAND-HOOK MIDDLE RING LITTLE CONJOINED IN  
 1D8DA ☙ SIGNWRITING HAND-HOOK MIDDLE RING LITTLE CONJOINED  
 1D8DB ☙ SIGNWRITING HAND-HINGE INDEX HINGED  
 1D8DC ☠ SIGNWRITING HAND-FIST INDEX THUMB SIDE  
 1D8DD ☚ SIGNWRITING HAND-HINGE INDEX THUMB SIDE  
 1D8DE ☙ SIGNWRITING HAND-FIST INDEX THUMB SIDE THUMB DIAGONAL  
 1D8DF ☠ SIGNWRITING HAND-FIST INDEX THUMB SIDE THUMB CONJOINED  
 1D8E0 ☙ SIGNWRITING HAND-FIST INDEX THUMB SIDE THUMB BENT  
 1D8E1 ☠ SIGNWRITING HAND-FIST INDEX THUMB SIDE INDEX BENT  
 1D8E2 ☙ SIGNWRITING HAND-FIST INDEX THUMB SIDE BOTH BENT  
 1D8E3 ☠ SIGNWRITING HAND-FIST INDEX THUMB SIDE INDEX HINGE  
 1D8E4 ☠ SIGNWRITING HAND-FIST INDEX THUMB FORWARD INDEX STRAIGHT  
 1D8E5 ☙ SIGNWRITING HAND-FIST INDEX THUMB FORWARD INDEX BENT  
 1D8E6 ☠ SIGNWRITING HAND-FIST INDEX THUMB HOOK  
 1D8E7 ☠ SIGNWRITING HAND-FIST INDEX THUMB CURLICUE  
 1D8E8 ☚ SIGNWRITING HAND-FIST INDEX THUMB CURVE THUMB INSIDE

- 1D8E9 ⠁ SIGNWRITING HAND-CLAW INDEX THUMB CURVE THUMB INSIDE  
 1D8EA ⠁ SIGNWRITING HAND-FIST INDEX THUMB CURVE THUMB UNDER  
 1D8EB ⠁ SIGNWRITING HAND-FIST INDEX THUMB CIRCLE  
 1D8EC ⠁ SIGNWRITING HAND-CUP INDEX THUMB  
 1D8ED ⠁ SIGNWRITING HAND-CUP INDEX THUMB OPEN  
 1D8EE ⠁ SIGNWRITING HAND-HINGE INDEX THUMB OPEN  
 1D8EF ⠁ SIGNWRITING HAND-HINGE INDEX THUMB LARGE  
 1D8F0 ⠁ SIGNWRITING HAND-HINGE INDEX THUMB  
 1D8F1 ⠁ SIGNWRITING HAND-HINGE INDEX THUMB SMALL  
 1D8F2 ⠁ SIGNWRITING HAND-ANGLE INDEX THUMB OUT  
 1D8F3 ⠁ SIGNWRITING HAND-ANGLE INDEX THUMB IN  
 1D8F4 ⠁ SIGNWRITING HAND-ANGLE INDEX THUMB

**Handshapes with thumb**

- 1D8F5 ⠁ SIGNWRITING HAND-FIST THUMB  
 1D8F6 ⠁ SIGNWRITING HAND-FIST THUMB HEEL  
 1D8F7 ⠁ SIGNWRITING HAND-FIST THUMB SIDE DIAGONAL  
 1D8F8 ⠁ SIGNWRITING HAND-FIST THUMB SIDE CONJOINED  
 1D8F9 ⠁ SIGNWRITING HAND-FIST THUMB SIDE BENT  
 1D8FA ⠁ SIGNWRITING HAND-FIST THUMB FORWARD  
 1D8FB ⠁ SIGNWRITING HAND-FIST THUMB BETWEEN INDEX MIDDLE  
 1D8FC ⠁ SIGNWRITING HAND-FIST THUMB BETWEEN MIDDLE RING  
 1D8FD ⠁ SIGNWRITING HAND-FIST THUMB BETWEEN RING LITTLE  
 1D8FE ⠁ SIGNWRITING HAND-FIST THUMB UNDER TWO FINGERS  
 1D8FF ⠁ SIGNWRITING HAND-FIST THUMB OVER TWO FINGERS  
 1D900 ⠁ SIGNWRITING HAND-FIST THUMB UNDER THREE FINGERS  
 1D901 ⠁ SIGNWRITING HAND-FIST THUMB UNDER FOUR FINGERS  
 1D902 ⠁ SIGNWRITING HAND-FIST THUMB OVER FOUR RAISED KNUCKLES  
 1D903 ⠁ SIGNWRITING HAND-FIST  
 1D904 ⠁ SIGNWRITING HAND-FIST HEEL

**Contact movement indicators**

- 1D905 \* SIGNWRITING TOUCH SINGLE  
 1D906 \*\* SIGNWRITING TOUCH MULTIPLE  
 1D907 ⠃ SIGNWRITING TOUCH BETWEEN  
 1D908 + SIGNWRITING GRASP SINGLE  
 1D909 ++ SIGNWRITING GRASP MULTIPLE  
 1D90A ⠃ SIGNWRITING GRASP BETWEEN  
 1D90B # SIGNWRITING STRIKE SINGLE  
 1D90C ## SIGNWRITING STRIKE MULTIPLE  
 1D90D ⠃ SIGNWRITING STRIKE BETWEEN  
 1D90E ⠄ SIGNWRITING BRUSH SINGLE  
 1D90F ⠄ SIGNWRITING BRUSH MULTIPLE  
 1D910 ⠄ SIGNWRITING BRUSH BETWEEN  
 1D911 ⠄ SIGNWRITING RUB SINGLE  
 1D912 ⠄ SIGNWRITING RUB MULTIPLE  
 1D913 ⠄ SIGNWRITING RUB BETWEEN  
 1D914 ⠄ SIGNWRITING SURFACE SYMBOLS

- 1D915 ⠄ SIGNWRITING SURFACE BETWEEN

**Finger movement indicators**

- 1D916 . SIGNWRITING SQUEEZE LARGE SINGLE  
 1D917 . SIGNWRITING SQUEEZE SMALL SINGLE  
 1D918 .. SIGNWRITING SQUEEZE LARGE MULTIPLE  
 1D919 .. SIGNWRITING SQUEEZE SMALL MULTIPLE  
 1D91A : SIGNWRITING SQUEEZE SEQUENTIAL  
 1D91B . SIGNWRITING FLICK LARGE SINGLE  
 1D91C . SIGNWRITING FLICK SMALL SINGLE  
 1D91D .. SIGNWRITING FLICK LARGE MULTIPLE  
 1D91E .. SIGNWRITING FLICK SMALL MULTIPLE  
 1D91F ⠄ SIGNWRITING FLICK SEQUENTIAL  
 1D920 ... SIGNWRITING SQUEEZE FLICK ALTERNATING  
 1D921 ^ SIGNWRITING MOVEMENT-HINGE UP DOWN LARGE  
 1D922 ^ SIGNWRITING MOVEMENT-HINGE UP DOWN SMALL  
 1D923 ⠄ SIGNWRITING MOVEMENT-HINGE UP SEQUENTIAL  
 1D924 ⠄ SIGNWRITING MOVEMENT-HINGE DOWN SEQUENTIAL  
 1D925 ^ SIGNWRITING MOVEMENT-HINGE UP DOWN ALTERNATING LARGE  
 1D926 ^ SIGNWRITING MOVEMENT-HINGE UP DOWN ALTERNATING SMALL  
 1D927 ⠄ SIGNWRITING MOVEMENT-HINGE SIDE TO SIDE SCISSORS  
 1D928 + SIGNWRITING MOVEMENT-WALLPLANE FINGER CONTACT  
 1D929 + SIGNWRITING MOVEMENT-FLOORPLANE FINGER CONTACT

**Movement indicators**

- 1D92A ↑ SIGNWRITING MOVEMENT-WALLPLANE SINGLE STRAIGHT SMALL  
 1D92B ↑ SIGNWRITING MOVEMENT-WALLPLANE SINGLE STRAIGHT MEDIUM  
 1D92C ↑ SIGNWRITING MOVEMENT-WALLPLANE SINGLE STRAIGHT LARGE  
 1D92D ↑ SIGNWRITING MOVEMENT-WALLPLANE SINGLE STRAIGHT LARGEST  
 1D92E ⠄ SIGNWRITING MOVEMENT-WALLPLANE SINGLE WRIST FLEX  
 1D92F ⠄ SIGNWRITING MOVEMENT-WALLPLANE DOUBLE STRAIGHT  
 1D930 ⠄ SIGNWRITING MOVEMENT-WALLPLANE DOUBLE WRIST FLEX  
 1D931 ⠄ SIGNWRITING MOVEMENT-WALLPLANE DOUBLE ALTERNATING  
 1D932 ⠄ SIGNWRITING MOVEMENT-WALLPLANE DOUBLE ALTERNATING WRIST FLEX  
 1D933 ⠄ SIGNWRITING MOVEMENT-WALLPLANE CROSS  
 1D934 ⠄ SIGNWRITING MOVEMENT-WALLPLANE TRIPLE STRAIGHT MOVEMENT  
 1D935 ⠄ SIGNWRITING MOVEMENT-WALLPLANE TRIPLE WRIST FLEX  
 1D936 ⠄ SIGNWRITING MOVEMENT-WALLPLANE TRIPLE ALTERNATING  
 1D937 ⠄ SIGNWRITING MOVEMENT-WALLPLANE TRIPLE ALTERNATING WRIST FLEX  
 1D938 ⠄ SIGNWRITING MOVEMENT-WALLPLANE BEND SMALL  
 1D939 ⠄ SIGNWRITING MOVEMENT-WALLPLANE BEND MEDIUM

1D93A

Sutton SignWriting

1D97B

1D93A	SIGNWRITING MOVEMENT-WALLPLANE BEND LARGE	1D95B	SIGNWRITING MOVEMENT-DIAGONAL TOWARDS LARGE
1D93B	SIGNWRITING MOVEMENT-WALLPLANE CORNER SMALL	1D95C	SIGNWRITING MOVEMENT-DIAGONAL TOWARDS LARGEST
1D93C	SIGNWRITING MOVEMENT-WALLPLANE CORNER MEDIUM	1D95D	SIGNWRITING MOVEMENT-DIAGONAL BETWEEN AWAY SMALL
1D93D	SIGNWRITING MOVEMENT-WALLPLANE CORNER LARGE	1D95E	SIGNWRITING MOVEMENT-DIAGONAL BETWEEN AWAY MEDIUM
1D93E	SIGNWRITING MOVEMENT-WALLPLANE CORNER ROTATION	1D95F	SIGNWRITING MOVEMENT-DIAGONAL BETWEEN AWAY LARGE
1D93F	SIGNWRITING MOVEMENT-WALLPLANE CHECK SMALL	1D960	SIGNWRITING MOVEMENT-DIAGONAL BETWEEN AWAY LARGEST
1D940	SIGNWRITING MOVEMENT-WALLPLANE CHECK MEDIUM	1D961	SIGNWRITING MOVEMENT-DIAGONAL BETWEEN TOWARDS SMALL
1D941	SIGNWRITING MOVEMENT-WALLPLANE CHECK LARGE	1D962	SIGNWRITING MOVEMENT-DIAGONAL BETWEEN TOWARDS MEDIUM
1D942	SIGNWRITING MOVEMENT-WALLPLANE BOX SMALL	1D963	SIGNWRITING MOVEMENT-DIAGONAL BETWEEN TOWARDS LARGE
1D943	SIGNWRITING MOVEMENT-WALLPLANE BOX MEDIUM	1D964	SIGNWRITING MOVEMENT-DIAGONAL BETWEEN TOWARDS LARGEST
1D944	SIGNWRITING MOVEMENT-WALLPLANE BOX LARGE	1D965	SIGNWRITING MOVEMENT-FLOORPLANE SINGLE STRAIGHT SMALL
1D945	SIGNWRITING MOVEMENT-WALLPLANE ZIGZAG SMALL	1D966	SIGNWRITING MOVEMENT-FLOORPLANE SINGLE STRAIGHT MEDIUM
1D946	SIGNWRITING MOVEMENT-WALLPLANE ZIGZAG MEDIUM	1D967	SIGNWRITING MOVEMENT-FLOORPLANE SINGLE STRAIGHT LARGE
1D947	SIGNWRITING MOVEMENT-WALLPLANE ZIGZAG LARGE	1D968	SIGNWRITING MOVEMENT-FLOORPLANE SINGLE STRAIGHT LARGEST
1D948	SIGNWRITING MOVEMENT-WALLPLANE PEAKS SMALL	1D969	SIGNWRITING MOVEMENT-FLOORPLANE SINGLE WRIST FLEX
1D949	SIGNWRITING MOVEMENT-WALLPLANE PEAKS MEDIUM	1D96A	SIGNWRITING MOVEMENT-FLOORPLANE DOUBLE STRAIGHT
1D94A	SIGNWRITING MOVEMENT-WALLPLANE PEAKS LARGE	1D96B	SIGNWRITING MOVEMENT-FLOORPLANE DOUBLE WRIST FLEX
1D94B	SIGNWRITING TRAVEL-WALLPLANE ROTATION- WALLPLANE SINGLE	1D96C	SIGNWRITING MOVEMENT-FLOORPLANE DOUBLE ALTERNATING
1D94C	SIGNWRITING TRAVEL-WALLPLANE ROTATION- WALLPLANE DOUBLE	1D96D	SIGNWRITING MOVEMENT-FLOORPLANE DOUBLE ALTERNATING WRIST FLEX
1D94D	SIGNWRITING TRAVEL-WALLPLANE ROTATION- WALLPLANE ALTERNATING	1D96E	SIGNWRITING MOVEMENT-FLOORPLANE CROSS
1D94E	SIGNWRITING TRAVEL-WALLPLANE ROTATION- FLOORPLANE SINGLE	1D96F	SIGNWRITING MOVEMENT-FLOORPLANE TRIPLE STRAIGHT MOVEMENT
1D94F	SIGNWRITING TRAVEL-WALLPLANE ROTATION- FLOORPLANE DOUBLE	1D970	SIGNWRITING MOVEMENT-FLOORPLANE TRIPLE WRIST FLEX
1D950	SIGNWRITING TRAVEL-WALLPLANE ROTATION- FLOORPLANE ALTERNATING	1D971	SIGNWRITING MOVEMENT-FLOORPLANE TRIPLE ALTERNATING MOVEMENT
1D951	SIGNWRITING TRAVEL-WALLPLANE SHAKING	1D972	SIGNWRITING MOVEMENT-FLOORPLANE TRIPLE ALTERNATING WRIST FLEX
1D952	SIGNWRITING TRAVEL-WALLPLANE ARM SPIRAL SINGLE	1D973	SIGNWRITING MOVEMENT-FLOORPLANE BEND
1D953	SIGNWRITING TRAVEL-WALLPLANE ARM SPIRAL DOUBLE	1D974	SIGNWRITING MOVEMENT-FLOORPLANE CORNER SMALL
1D954	SIGNWRITING TRAVEL-WALLPLANE ARM SPIRAL TRIPLE	1D975	SIGNWRITING MOVEMENT-FLOORPLANE CORNER MEDIUM
1D955	SIGNWRITING MOVEMENT-DIAGONAL AWAY SMALL	1D976	SIGNWRITING MOVEMENT-FLOORPLANE CORNER LARGE
1D956	SIGNWRITING MOVEMENT-DIAGONAL AWAY MEDIUM	1D977	SIGNWRITING MOVEMENT-FLOORPLANE CHECK
1D957	SIGNWRITING MOVEMENT-DIAGONAL AWAY LARGE	1D978	SIGNWRITING MOVEMENT-FLOORPLANE BOX SMALL
1D958	SIGNWRITING MOVEMENT-DIAGONAL AWAY LARGEST	1D979	SIGNWRITING MOVEMENT-FLOORPLANE BOX MEDIUM
1D959	SIGNWRITING MOVEMENT-DIAGONAL TOWARDS SMALL	1D97A	SIGNWRITING MOVEMENT-FLOORPLANE BOX LARGE
1D95A	SIGNWRITING MOVEMENT-DIAGONAL TOWARDS MEDIUM	1D97B	SIGNWRITING MOVEMENT-FLOORPLANE ZIGZAG SMALL

1D97C ↗ SIGNWRITING MOVEMENT-FLOORPLANE ZIGZAG MEDIUM	1D99D ⚡ SIGNWRITING MOVEMENT-WALLPLANE WAVE CURVE TRIPLE MEDIUM
1D97D ↗ SIGNWRITING MOVEMENT-FLOORPLANE ZIGZAG LARGE	1D99E ⚡ SIGNWRITING MOVEMENT-WALLPLANE WAVE CURVE TRIPLE LARGE
1D97E ↗ SIGNWRITING MOVEMENT-FLOORPLANE PEAKS SMALL	1D99F ⚡ SIGNWRITING MOVEMENT-WALLPLANE CURVE THEN STRAIGHT
1D97F ↗ SIGNWRITING MOVEMENT-FLOORPLANE PEAKS MEDIUM	1D9A0 ⚡ SIGNWRITING MOVEMENT-WALLPLANE CURVED CROSS SMALL
1D980 ↗ SIGNWRITING MOVEMENT-FLOORPLANE PEAKS LARGE	1D9A1 ⚡ SIGNWRITING MOVEMENT-WALLPLANE CURVED CROSS MEDIUM
1D981 ↗ SIGNWRITING TRAVEL-FLOORPLANE ROTATION-FLOORPLANE SINGLE	1D9A2 ⚡ SIGNWRITING ROTATION-WALLPLANE SINGLE
1D982 ↗ SIGNWRITING TRAVEL-FLOORPLANE ROTATION-FLOORPLANE DOUBLE	1D9A3 ⚡ SIGNWRITING ROTATION-WALLPLANE DOUBLE
1D983 ↗ SIGNWRITING TRAVEL-FLOORPLANE ROTATION-FLOORPLANE ALTERNATING	1D9A4 ⚡ SIGNWRITING ROTATION-WALLPLANE ALTERNATE
1D984 ↗ SIGNWRITING TRAVEL-FLOORPLANE ROTATION-WALLPLANE SINGLE	1D9A5 ⚡ SIGNWRITING MOVEMENT-WALLPLANE SHAKING
1D985 ↗ SIGNWRITING TRAVEL-FLOORPLANE ROTATION-WALLPLANE DOUBLE	1D9A6 ⚡ SIGNWRITING MOVEMENT-WALLPLANE CURVE HITTING FRONT WALL
1D986 ↗ SIGNWRITING TRAVEL-FLOORPLANE ROTATION-WALLPLANE ALTERNATING	1D9A7 ⚡ SIGNWRITING MOVEMENT-WALLPLANE HUMP HITTING FRONT WALL
1D987 ↗ SIGNWRITING TRAVEL-FLOORPLANE SHAKING	1D9A8 ⚡ SIGNWRITING MOVEMENT-WALLPLANE LOOP HITTING FRONT WALL
1D988 ↗ SIGNWRITING MOVEMENT-WALLPLANE CURVE QUARTER SMALL	1D9A9 ⚡ SIGNWRITING MOVEMENT-WALLPLANE WAVE HITTING FRONT WALL
1D989 ↗ SIGNWRITING MOVEMENT-WALLPLANE CURVE QUARTER MEDIUM	1D9AA ⚡ SIGNWRITING ROTATION-WALLPLANE SINGLE HITTING FRONT WALL
1D98A ↗ SIGNWRITING MOVEMENT-WALLPLANE CURVE QUARTER LARGE	1D9AB ⚡ SIGNWRITING ROTATION-WALLPLANE DOUBLE HITTING FRONT WALL
1D98B ↗ SIGNWRITING MOVEMENT-WALLPLANE CURVE QUARTER LARGEST	1D9AC ⚡ SIGNWRITING ROTATION-WALLPLANE ALTERNATING HITTING FRONT WALL
1D98C ↗ SIGNWRITING MOVEMENT-WALLPLANE CURVE HALF-CIRCLE SMALL	1D9AD ⚡ SIGNWRITING MOVEMENT-WALLPLANE CURVE HITTING CHEST
1D98D ↗ SIGNWRITING MOVEMENT-WALLPLANE CURVE HALF-CIRCLE MEDIUM	1D9AE ⚡ SIGNWRITING MOVEMENT-WALLPLANE HUMP HITTING CHEST
1D98E ↗ SIGNWRITING MOVEMENT-WALLPLANE CURVE HALF-CIRCLE LARGE	1D9AF ⚡ SIGNWRITING MOVEMENT-WALLPLANE LOOP HITTING CHEST
1D98F ↗ SIGNWRITING MOVEMENT-WALLPLANE CURVE HALF-CIRCLE LARGEST	1D9B0 ⚡ SIGNWRITING MOVEMENT-WALLPLANE WAVE HITTING CHEST
1D990 ↗ SIGNWRITING MOVEMENT-WALLPLANE CURVE THREE-QUARTER CIRCLE SMALL	1D9B1 ⚡ SIGNWRITING ROTATION-WALLPLANE SINGLE HITTING CHEST
1D991 ↗ SIGNWRITING MOVEMENT-WALLPLANE CURVE THREE-QUARTER CIRCLE MEDIUM	1D9B2 ⚡ SIGNWRITING ROTATION-WALLPLANE DOUBLE HITTING CHEST
1D992 ↗ SIGNWRITING MOVEMENT-WALLPLANE HUMP SMALL	1D9B3 ⚡ SIGNWRITING ROTATION-WALLPLANE ALTERNATING HITTING CHEST
1D993 ↗ SIGNWRITING MOVEMENT-WALLPLANE HUMP MEDIUM	1D9B4 ⚡ SIGNWRITING MOVEMENT-WALLPLANE WAVE DIAGONAL PATH SMALL
1D994 ↗ SIGNWRITING MOVEMENT-WALLPLANE HUMP LARGE	1D9B5 ⚡ SIGNWRITING MOVEMENT-WALLPLANE WAVE DIAGONAL PATH MEDIUM
1D995 ↗ SIGNWRITING MOVEMENT-WALLPLANE LOOP SMALL	1D9B6 ⚡ SIGNWRITING MOVEMENT-WALLPLANE WAVE DIAGONAL PATH LARGE
1D996 ↗ SIGNWRITING MOVEMENT-WALLPLANE LOOP MEDIUM	1D9B7 ↗ SIGNWRITING MOVEMENT-FLOORPLANE CURVE HITTING CEILING SMALL
1D997 ↗ SIGNWRITING MOVEMENT-WALLPLANE LOOP LARGE	1D9B8 ↗ SIGNWRITING MOVEMENT-FLOORPLANE CURVE HITTING CEILING LARGE
1D998 ↗ SIGNWRITING MOVEMENT-WALLPLANE LOOP SMALL DOUBLE	1D9B9 ↗ SIGNWRITING MOVEMENT-FLOORPLANE HUMP HITTING CEILING SMALL DOUBLE
1D999 ↗ SIGNWRITING MOVEMENT-WALLPLANE WAVE CURVE DOUBLE SMALL	1D9BA ↗ SIGNWRITING MOVEMENT-FLOORPLANE HUMP HITTING CEILING LARGE DOUBLE
1D99A ↗ SIGNWRITING MOVEMENT-WALLPLANE WAVE CURVE DOUBLE MEDIUM	1D9BB ↗ SIGNWRITING MOVEMENT-FLOORPLANE HUMP HITTING CEILING SMALL TRIPLE
1D99B ↗ SIGNWRITING MOVEMENT-WALLPLANE WAVE CURVE DOUBLE LARGE	1D9BC ↗ SIGNWRITING MOVEMENT-FLOORPLANE HUMP HITTING CEILING LARGE TRIPLE
1D99C ↗ SIGNWRITING MOVEMENT-WALLPLANE WAVE CURVE TRIPLE SMALL	1D9BD ↗ SIGNWRITING MOVEMENT-FLOORPLANE LOOP HITTING CEILING SMALL SINGLE
	1D9BE ↗ SIGNWRITING MOVEMENT-FLOORPLANE LOOP HITTING CEILING LARGE SINGLE

1D9BF	1	SIGNWRITING MOVEMENT-FLOORPLANE LOOP HITTING CEILING SMALL DOUBLE	1D9E0	⌘ SIGNWRITING ROTATION-FLOORPLANE DOUBLE
1D9C0	2	SIGNWRITING MOVEMENT-FLOORPLANE LOOP HITTING CEILING LARGE DOUBLE	1D9E1	⌘ SIGNWRITING ROTATION-FLOORPLANE ALTERNATING
1D9C1	3	SIGNWRITING MOVEMENT-FLOORPLANE WAVE HITTING CEILING SMALL	1D9E2	⌘ SIGNWRITING MOVEMENT-FLOORPLANE SHAKING PARALLEL
1D9C2	4	SIGNWRITING MOVEMENT-FLOORPLANE WAVE HITTING CEILING LARGE	1D9E3	⌚ SIGNWRITING MOVEMENT-WALLPLANE ARM CIRCLE SMALL SINGLE
1D9C3	5	SIGNWRITING ROTATION-FLOORPLANE SINGLE HITTING CEILING	1D9E4	⌚ SIGNWRITING MOVEMENT-WALLPLANE ARM CIRCLE MEDIUM SINGLE
1D9C4	6	SIGNWRITING ROTATION-FLOORPLANE DOUBLE HITTING CEILING	1D9E5	⌚ SIGNWRITING MOVEMENT-WALLPLANE ARM CIRCLE SMALL DOUBLE
1D9C5	7	SIGNWRITING ROTATION-FLOORPLANE ALTERNATING HITTING CEILING	1D9E6	⌚ SIGNWRITING MOVEMENT-WALLPLANE ARM CIRCLE MEDIUM DOUBLE
1D9C6	8	SIGNWRITING MOVEMENT-FLOORPLANE CURVE HITTING FLOOR SMALL	1D9E7	⌚ SIGNWRITING MOVEMENT-FLOORPLANE ARM CIRCLE HITTING WALL SMALL SINGLE
1D9C7	9	SIGNWRITING MOVEMENT-FLOORPLANE CURVE HITTING FLOOR LARGE	1D9E8	⌚ SIGNWRITING MOVEMENT-FLOORPLANE ARM CIRCLE HITTING WALL MEDIUM SINGLE
1D9C8	10	SIGNWRITING MOVEMENT-FLOORPLANE HUMP HITTING FLOOR SMALL DOUBLE	1D9E9	⌚ SIGNWRITING MOVEMENT-FLOORPLANE ARM CIRCLE HITTING WALL LARGE SINGLE
1D9C9	11	SIGNWRITING MOVEMENT-FLOORPLANE HUMP HITTING FLOOR LARGE DOUBLE	1D9EA	⌚ SIGNWRITING MOVEMENT-FLOORPLANE ARM CIRCLE HITTING WALL SMALL DOUBLE
1D9CA	12	SIGNWRITING MOVEMENT-FLOORPLANE HUMP HITTING FLOOR TRIPLE SMALL TRIPLE	1D9EB	⌚ SIGNWRITING MOVEMENT-FLOORPLANE ARM CIRCLE HITTING WALL MEDIUM DOUBLE
1D9CB	13	SIGNWRITING MOVEMENT-FLOORPLANE HUMP HITTING FLOOR TRIPLE LARGE TRIPLE	1D9EC	⌚ SIGNWRITING MOVEMENT-FLOORPLANE ARM CIRCLE HITTING WALL LARGE DOUBLE
1D9CC	14	SIGNWRITING MOVEMENT-FLOORPLANE LOOP HITTING FLOOR SMALL SINGLE	1D9ED	⌚ SIGNWRITING MOVEMENT-WALLPLANE WRIST CIRCLE FRONT SINGLE
1D9CD	15	SIGNWRITING MOVEMENT-FLOORPLANE LOOP HITTING FLOOR LARGE SINGLE	1D9EE	⌚ SIGNWRITING MOVEMENT-WALLPLANE WRIST CIRCLE FRONT DOUBLE
1D9CE	16	SIGNWRITING MOVEMENT-FLOORPLANE LOOP HITTING FLOOR SMALL DOUBLE	1D9EF	⌚ SIGNWRITING MOVEMENT-FLOORPLANE WRIST CIRCLE HITTING WALL SINGLE
1D9CF	17	SIGNWRITING MOVEMENT-FLOORPLANE LOOP HITTING FLOOR LARGE DOUBLE	1D9F0	⌚ SIGNWRITING MOVEMENT-FLOORPLANE WRIST CIRCLE HITTING WALL DOUBLE
1D9D0	18	SIGNWRITING MOVEMENT-FLOORPLANE WAVE HITTING FLOOR SMALL	1D9F1	⌚ SIGNWRITING MOVEMENT-WALLPLANE FINGER CIRCLES SINGLE
1D9D1	19	SIGNWRITING MOVEMENT-FLOORPLANE WAVE HITTING FLOOR LARGE	1D9F2	⌚ SIGNWRITING MOVEMENT-WALLPLANE FINGER CIRCLES DOUBLE
1D9D2	20	SIGNWRITING ROTATION-FLOORPLANE SINGLE HITTING FLOOR	1D9F3	⌚ SIGNWRITING MOVEMENT-FLOORPLANE FINGER CIRCLES HITTING WALL SINGLE
1D9D3	21	SIGNWRITING ROTATION-FLOORPLANE DOUBLE HITTING FLOOR	1D9F4	⌚ SIGNWRITING MOVEMENT-FLOORPLANE FINGER CIRCLES HITTING WALL DOUBLE
1D9D4	22	SIGNWRITING ROTATION-FLOORPLANE ALTERNATING HITTING FLOOR		<b>Dynamics indicators</b>
1D9D5	23	SIGNWRITING MOVEMENT-FLOORPLANE CURVE SMALL	1D9F5	⌚ SIGNWRITING DYNAMIC ARROWHEAD SMALL
1D9D6	24	SIGNWRITING MOVEMENT-FLOORPLANE CURVE MEDIUM	1D9F6	⌚ SIGNWRITING DYNAMIC ARROWHEAD LARGE
1D9D7	25	SIGNWRITING MOVEMENT-FLOORPLANE CURVE LARGE	1D9F7	⌚ SIGNWRITING DYNAMIC FAST
1D9D8	26	SIGNWRITING MOVEMENT-FLOORPLANE CURVE LARGEST	1D9F8	⌚ SIGNWRITING DYNAMIC SLOW
1D9D9	27	SIGNWRITING MOVEMENT-FLOORPLANE CURVE COMBINED	1D9F9	⌚ SIGNWRITING DYNAMIC TENSE
1D9DA	28	SIGNWRITING MOVEMENT-FLOORPLANE HUMP SMALL	1D9FA	⌚ SIGNWRITING DYNAMIC RELAXED
1D9DB	29	SIGNWRITING MOVEMENT-FLOORPLANE LOOP SMALL	1D9FB	⌚ SIGNWRITING DYNAMIC SIMULTANEOUS
1D9DC	30	SIGNWRITING MOVEMENT-FLOORPLANE WAVE SNAKE	1D9FC	⌚ SIGNWRITING DYNAMIC SIMULTANEOUS ALTERNATING
1D9DD	31	SIGNWRITING MOVEMENT-FLOORPLANE WAVE SMALL	1D9FD	⌚ SIGNWRITING DYNAMIC EVERY OTHER TIME
1D9DE	32	SIGNWRITING MOVEMENT-FLOORPLANE WAVE LARGE	1D9FE	⌚ SIGNWRITING DYNAMIC GRADUAL
1D9DF	33	SIGNWRITING ROTATION-FLOORPLANE SINGLE		<b>Headshapes</b>
			1D9FF	⌚ SIGNWRITING HEAD
			1DA00	⌚ SIGNWRITING HEAD RIM
			1DA01	⌚ SIGNWRITING HEAD MOVEMENT-WALLPLANE STRAIGHT
			1DA02	⌚ SIGNWRITING HEAD MOVEMENT-WALLPLANE TILT
			1DA03	⌚ SIGNWRITING HEAD MOVEMENT-FLOORPLANE STRAIGHT

1DA04	○ SIGNWRITING HEAD MOVEMENT-WALLPLANE CURVE	1DA34	○ SIGNWRITING NOSE WIGGLES
1DA05	○ SIGNWRITING HEAD MOVEMENT-FLOORPLANE CURVE	1DA35	○ SIGNWRITING AIR BLOWING OUT
1DA06	○ SIGNWRITING HEAD MOVEMENT CIRCLE	1DA36	○ SIGNWRITING AIR SUCKING IN
1DA07	○ SIGNWRITING FACE DIRECTION POSITION NOSE FORWARD TILTING	1DA37	○ SIGNWRITING AIR BLOW SMALL ROTATIONS
1DA08	○ SIGNWRITING FACE DIRECTION POSITION NOSE UP OR DOWN	1DA38	○ SIGNWRITING AIR SUCK SMALL ROTATIONS
1DA09	○ SIGNWRITING FACE DIRECTION POSITION NOSE UP OR DOWN TILTING	1DA39	• SIGNWRITING BREATH INHALE
1DA0A	○ SIGNWRITING EYEBROWS STRAIGHT UP	1DA3A	• SIGNWRITING BREATH EXHALE
1DA0B	○ SIGNWRITING EYEBROWS STRAIGHT NEUTRAL	1DA3B	○ SIGNWRITING MOUTH CLOSED NEUTRAL
1DA0C	○ SIGNWRITING EYEBROWS STRAIGHT DOWN	1DA3C	○ SIGNWRITING MOUTH CLOSED FORWARD
1DA0D	○ SIGNWRITING DREAMY EYEBROWS NEUTRAL DOWN	1DA3D	○ SIGNWRITING MOUTH CLOSED CONTACT
1DA0E	○ SIGNWRITING DREAMY EYEBROWS DOWN NEUTRAL	1DA3E	○ SIGNWRITING MOUTH SMILE
1DA0F	○ SIGNWRITING DREAMY EYEBROWS UP NEUTRAL	1DA3F	○ SIGNWRITING MOUTH SMILE WRINKLED
1DA10	○ SIGNWRITING DREAMY EYEBROWS NEUTRAL UP	1DA40	○ SIGNWRITING MOUTH SMILE OPEN
1DA11	○ SIGNWRITING FOREHEAD NEUTRAL	1DA41	○ SIGNWRITING MOUTH FROWN
1DA12	○ SIGNWRITING FOREHEAD CONTACT	1DA42	○ SIGNWRITING MOUTH FROWN WRINKLED
1DA13	○ SIGNWRITING FOREHEAD WRINKLED	1DA43	○ SIGNWRITING MOUTH FROWN OPEN
1DA14	○ SIGNWRITING EYES OPEN	1DA44	○ SIGNWRITING MOUTH OPEN CIRCLE
1DA15	○ SIGNWRITING EYES SQUEEZED	1DA45	○ SIGNWRITING MOUTH OPEN FORWARD
1DA16	○ SIGNWRITING EYES CLOSED	1DA46	○ SIGNWRITING MOUTH OPEN WRINKLED
1DA17	○ SIGNWRITING EYE BLINK SINGLE	1DA47	○ SIGNWRITING MOUTH OPEN OVAL
1DA18	○ SIGNWRITING EYE BLINK MULTIPLE	1DA48	○ SIGNWRITING MOUTH OPEN OVAL WRINKLED
1DA19	○ SIGNWRITING EYES HALF OPEN	1DA49	○ SIGNWRITING MOUTH OPEN OVAL YAWN
1DA1A	○ SIGNWRITING EYES WIDE OPEN	1DA4A	○ SIGNWRITING MOUTH OPEN RECTANGLE
1DA1B	○ SIGNWRITING EYES HALF CLOSED	1DA4B	○ SIGNWRITING MOUTH OPEN RECTANGLE WRINKLED
1DA1C	○ SIGNWRITING EYES WIDENING MOVEMENT	1DA4C	○ SIGNWRITING MOUTH OPEN RECTANGLE YAWN
1DA1D	○ SIGNWRITING EYE WINK • squeezed eye blink	1DA4D	○ SIGNWRITING MOUTH KISS
1DA1E	○ SIGNWRITING EYELASHES UP	1DA4E	○ SIGNWRITING MOUTH KISS FORWARD
1DA1F	○ SIGNWRITING EYELASHES DOWN	1DA4F	○ SIGNWRITING MOUTH KISS WRINKLED
1DA20	○ SIGNWRITING EYELASHES FLUTTERING	1DA50	○ SIGNWRITING MOUTH TENSE
1DA21	○ SIGNWRITING EYEGAZE-WALLPLANE STRAIGHT	1DA51	○ SIGNWRITING MOUTH TENSE FORWARD
1DA22	○ SIGNWRITING EYEGAZE-WALLPLANE STRAIGHT DOUBLE	1DA52	○ SIGNWRITING MOUTH TENSE SUCKED
1DA23	○ SIGNWRITING EYEGAZE-WALLPLANE STRAIGHT ALTERNATING	1DA53	○ SIGNWRITING LIPS PRESSED TOGETHER
1DA24	○ SIGNWRITING EYEGAZE-FLOORPLANE STRAIGHT	1DA54	○ SIGNWRITING LIP LOWER OVER UPPER
1DA25	○ SIGNWRITING EYEGAZE-FLOORPLANE STRAIGHT DOUBLE	1DA55	○ SIGNWRITING LIP UPPER OVER LOWER
1DA26	○ SIGNWRITING EYEGAZE-FLOORPLANE STRAIGHT ALTERNATING	1DA56	○ SIGNWRITING MOUTH CORNERS
1DA27	○ SIGNWRITING EYEGAZE-WALLPLANE CURVED	1DA57	○ SIGNWRITING MOUTH WRINKLES SINGLE
1DA28	○ SIGNWRITING EYEGAZE-FLOORPLANE CURVED	1DA58	○ SIGNWRITING MOUTH WRINKLES DOUBLE
1DA29	○ SIGNWRITING EYEGAZE-WALLPLANE CIRCLING	1DA59	○ SIGNWRITING TONGUE STICKING OUT FAR
1DA2A	○ SIGNWRITING CHEEKS PUFFED	1DA5A	○ SIGNWRITING TONGUE LICKING LIPS
1DA2B	○ SIGNWRITING CHEEKS NEUTRAL	1DA5B	○ SIGNWRITING TONGUE TIP BETWEEN LIPS
1DA2C	○ SIGNWRITING CHEEKS SUCKED	1DA5C	○ SIGNWRITING TONGUE TIP TOUCHING INSIDE MOUTH
1DA2D	○ SIGNWRITING TENSE CHEEKS HIGH	1DA5D	○ SIGNWRITING TONGUE INSIDE MOUTH RELAXED
1DA2E	○ SIGNWRITING TENSE CHEEKS MIDDLE	1DA5E	○ SIGNWRITING TONGUE MOVES AGAINST CHEEK
1DA2F	○ SIGNWRITING TENSE CHEEKS LOW	1DA5F	○ SIGNWRITING TONGUE CENTRE STICKING OUT
1DA30	○ SIGNWRITING EARS	1DA60	○ SIGNWRITING TONGUE CENTRE INSIDE MOUTH
1DA31	○ SIGNWRITING NOSE NEUTRAL	1DA61	○ SIGNWRITING TEETH
1DA32	○ SIGNWRITING NOSE CONTACT	1DA62	○ SIGNWRITING TEETH MOVEMENT
1DA33	○ SIGNWRITING NOSE WRINKLES	1DA63	○ SIGNWRITING TEETH ON TONGUE
		1DA64	○ SIGNWRITING TEETH ON TONGUE MOVEMENT
		1DA65	○ SIGNWRITING TEETH ON LIPS
		1DA66	○ SIGNWRITING TEETH ON LIPS MOVEMENT
		1DA67	○ SIGNWRITING TEETH BITE LIPS
		1DA68	○ SIGNWRITING MOVEMENT-WALLPLANE JAW
		1DA69	○ SIGNWRITING MOVEMENT-FLOORPLANE JAW
		1DA6A	○ SIGNWRITING NECK
		1DA6B	○ SIGNWRITING HAIR
		1DA6C	○ SIGNWRITING EXCITEMENT

**Body shapes**

- 1DA6D — SIGNWRITING SHOULDER HIP SPINE  
 1DA6E ↘ SIGNWRITING SHOULDER HIP POSITIONS  
 1DA6F ⌞ SIGNWRITING WALLPLANE SHOULDER HIP MOVE  
 1DA70 ⌞ SIGNWRITING FLOORPLANE SHOULDER HIP MOVE  
 1DA71 ⌞ SIGNWRITING SHOULDER TILTING FROM WAIST  
 1DA72 ⌞ SIGNWRITING TORSO-WALLPLANE STRAIGHT STRETCH  
 1DA73 ⌞ SIGNWRITING TORSO-WALLPLANE CURVED BEND  
 1DA74 ⌞ SIGNWRITING TORSO-FLOORPLANE TWISTING  
 1DA75 ⌞ SIGNWRITING UPPER BODY TILTING FROM HIP JOINTS  
 1DA76 ✕ SIGNWRITING LIMB COMBINATION  
 1DA77 | SIGNWRITING LIMB LENGTH-1  
 1DA78 | SIGNWRITING LIMB LENGTH-2  
 1DA79 | SIGNWRITING LIMB LENGTH-3  
 1DA7A | SIGNWRITING LIMB LENGTH-4  
 1DA7B | SIGNWRITING LIMB LENGTH-5  
 1DA7C | SIGNWRITING LIMB LENGTH-6  
 1DA7D | SIGNWRITING LIMB LENGTH-7  
 1DA7E ⌞ SIGNWRITING FINGER

- 1DAAC  SIGNWRITING ROTATION MODIFIER-13  
 1DAAD  SIGNWRITING ROTATION MODIFIER-14  
 1DAAE  SIGNWRITING ROTATION MODIFIER-15  
 1DAAF  SIGNWRITING ROTATION MODIFIER-16

**Location bases**

- 1DA7F  SIGNWRITING LOCATION-WALLPLANE SPACE  
 1DA80  SIGNWRITING LOCATION-FLOORPLANE SPACE  
 1DA81  SIGNWRITING LOCATION HEIGHT  
 1DA82  SIGNWRITING LOCATION WIDTH  
 1DA83  SIGNWRITING LOCATION DEPTH  
 1DA84  SIGNWRITING LOCATION HEAD NECK  
 1DA85  SIGNWRITING LOCATION TORSO  
 1DA86  SIGNWRITING LOCATION LIMBS DIGITS

**Punctuation**

- 1DA87 — SIGNWRITING COMMA  
 1DA88 — SIGNWRITING FULL STOP  
 1DA89 — SIGNWRITING SEMICOLON  
 1DA8A — SIGNWRITING COLON  
 1DA8B ( ) SIGNWRITING PARENTHESIS  
     • is a closing parenthesis when used with  
     1DAA5  signwriting rotation modifier-5

**Fill modifiers**

- 1DA9B  SIGNWRITING FILL MODIFIER-2  
 1DA9C  SIGNWRITING FILL MODIFIER-3  
 1DA9D  SIGNWRITING FILL MODIFIER-4  
 1DA9E  SIGNWRITING FILL MODIFIER-5  
 1DA9F  SIGNWRITING FILL MODIFIER-6

**Rotation modifiers**

- 1DAA1  SIGNWRITING ROTATION MODIFIER-2  
 1DAA2  SIGNWRITING ROTATION MODIFIER-3  
 1DAA3  SIGNWRITING ROTATION MODIFIER-4  
 1DAA4  SIGNWRITING ROTATION MODIFIER-5  
 1DAA5  SIGNWRITING ROTATION MODIFIER-6  
 1DAA6  SIGNWRITING ROTATION MODIFIER-7  
 1DAA7  SIGNWRITING ROTATION MODIFIER-8  
 1DAA8  SIGNWRITING ROTATION MODIFIER-9  
 1DAA9  SIGNWRITING ROTATION MODIFIER-10  
 1DAAA  SIGNWRITING ROTATION MODIFIER-11  
 1DAAAB  SIGNWRITING ROTATION MODIFIER-12

	1E80	1E81	1E82	1E83	1E84	1E85	1E86	1E87	1E88	1E89	1E8A	1E8B	1E8C	1E8D
0	𠂇	𠁃	𠁄	𠁅	𠁆	𠁇	𠁈	𠁉	𠁊	𠁋	𠁌	𠁍	𠁎	𠁏
1	𠁐	𠁑	𠁒	𠁓	𠁔	𠁕	𠁖	𠁗	𠁘	𠁙	𠁚	𠁛	𠁜	𠁝
2	𠁠	𠁡	𠁢	𠁣	𠁤	𠁥	𠁦	𠁧	𠁨	𠁩	𠁪	𠁫	𠁬	𠁭
3	𠁪	𠁫	𠁬	𠁭	𠁮	𠁯	𠁰	𠁱	𠁲	𠁳	𠁴	𠁵	𠁶	𠁷
4	𠁸	𠁹	𠁺	𠁻	𠁼	𠁽	𠁾	𠁿	𠁿	𠁽	𠁽	𠁽	𠁽	𠁽
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E	𠁽	𠁽	𠁽	𠁽	𠁽	𠁽	𠁽	𠁽	𠁽	𠁽	𠁽	𠁽	𠁽	𠁽
F	𠁽	𠁽	𠁽	𠁽	𠁽	𠁽	𠁽	𠁽	𠁽	𠁽	𠁽	𠁽	𠁽	𠁽

1E800

Mende Kikakui

1E859

**Syllables in k-**

- 1E800 ㄱ MENDE KIKAKUI SYLLABLE M001 KI  
 1E801 ㄱ MENDE KIKAKUI SYLLABLE M002 KA  
 1E802 ㄱ MENDE KIKAKUI SYLLABLE M003 KU  
 1E803 ㄱ MENDE KIKAKUI SYLLABLE M065 KEE  
 1E804 ㅋ MENDE KIKAKUI SYLLABLE M095 KE  
 1E805 ㅋ MENDE KIKAKUI SYLLABLE M076 KOO  
 1E806 ㆁ MENDE KIKAKUI SYLLABLE M048 KO  
 1E807 ㆁ MENDE KIKAKUI SYLLABLE M179 KUA  
     • equivalent to Dalby M177

**Syllables in w-**

- 1E808 ԝ MENDE KIKAKUI SYLLABLE M004 WI  
 1E809 ԝ MENDE KIKAKUI SYLLABLE M005 WA  
 1E80A ԝ MENDE KIKAKUI SYLLABLE M006 WU  
 1E80B ԝ MENDE KIKAKUI SYLLABLE M126 WEE  
 1E80C ԝ MENDE KIKAKUI SYLLABLE M118 WE  
 1E80D ԝ MENDE KIKAKUI SYLLABLE M114 WOO  
 1E80E ԝ MENDE KIKAKUI SYLLABLE M045 WO  
 1E80F ԝ MENDE KIKAKUI SYLLABLE M194 WUI  
 1E810 ԝ MENDE KIKAKUI SYLLABLE M143 WEI

**Syllables in wv-**

- 1E811 ԝo MENDE KIKAKUI SYLLABLE M061 WVI  
 1E812 ԝo MENDE KIKAKUI SYLLABLE M049 WVA  
 1E813 ԝ MENDE KIKAKUI SYLLABLE M139 WVE

**Syllables in m-**

- 1E814 ӎ MENDE KIKAKUI SYLLABLE M007 MIN  
 1E815 ӎ MENDE KIKAKUI SYLLABLE M008 MAN  
 1E816 ӎ MENDE KIKAKUI SYLLABLE M009 MUN  
 1E817 ӎ MENDE KIKAKUI SYLLABLE M059 MEN  
 1E818 ӎo MENDE KIKAKUI SYLLABLE M094 MON  
 1E819 ӎ MENDE KIKAKUI SYLLABLE M154 MUAN  
 1E81A ӏ MENDE KIKAKUI SYLLABLE M189 MUEN

**Syllables in b-**

- 1E81B ӝ MENDE KIKAKUI SYLLABLE M010 BI  
 1E81C ӝ MENDE KIKAKUI SYLLABLE M011 BA  
 1E81D ӝ MENDE KIKAKUI SYLLABLE M012 BU  
 1E81E ӝ MENDE KIKAKUI SYLLABLE M150 BEE  
 1E81F ӝ MENDE KIKAKUI SYLLABLE M097 BE  
 1E820 ӝ MENDE KIKAKUI SYLLABLE M103 BOO  
 1E821 ۾ MENDE KIKAKUI SYLLABLE M138 BO

**Vowels**

- 1E822 ㅣ MENDE KIKAKUI SYLLABLE M013 I  
 1E823 ㅓ MENDE KIKAKUI SYLLABLE M014 A  
 1E824 ㅑ MENDE KIKAKUI SYLLABLE M015 U  
 1E825 ㅡ MENDE KIKAKUI SYLLABLE M163 EE  
 1E826 ㅗ MENDE KIKAKUI SYLLABLE M100 E  
 1E827 ㅗ MENDE KIKAKUI SYLLABLE M165 OO  
 1E828 ㅓo MENDE KIKAKUI SYLLABLE M147 O  
 1E829 ㅣ MENDE KIKAKUI SYLLABLE M137 EI  
 1E82A ㅐ MENDE KIKAKUI SYLLABLE M131 IN  
 1E82B ㅓ! MENDE KIKAKUI SYLLABLE M135 IN  
     • used for the negative particle  
 1E82C ㅕ MENDE KIKAKUI SYLLABLE M195 AN  
     • Dalby's M195 HO has different shape and value  
 1E82D ㅏ MENDE KIKAKUI SYLLABLE M178 EN  
     • equivalent to Dalby M182

**Syllables in s-**

- 1E82E ㅆ MENDE KIKAKUI SYLLABLE M019 SI  
 1E82F ㅆ MENDE KIKAKUI SYLLABLE M020 SA

- 1E830 ㅆ MENDE KIKAKUI SYLLABLE M021 SU  
 1E831 ㅆo MENDE KIKAKUI SYLLABLE M162 SEE  
 1E832 ㅆ MENDE KIKAKUI SYLLABLE M116 SE  
 1E833 ㅆ MENDE KIKAKUI SYLLABLE M136 SOO  
 1E834 ㅆo MENDE KIKAKUI SYLLABLE M079 SO  
 1E835 ㅆ MENDE KIKAKUI SYLLABLE M196 SIA  
     • not in Dalby or in Mansaray

**Syllables in l-**

- 1E836 ڸ MENDE KIKAKUI SYLLABLE M025 LI  
     • equivalent to Dalby and Mansaray M022  
 1E837 ڸ MENDE KIKAKUI SYLLABLE M026 LA  
     • equivalent to Dalby and Mansaray M023  
 1E838 ڸ MENDE KIKAKUI SYLLABLE M027 LU  
     • equivalent to Dalby and Mansaray M024  
 1E839 ڽ MENDE KIKAKUI SYLLABLE M084 LEE  
 1E83A Ҥ MENDE KIKAKUI SYLLABLE M073 LE  
 1E83B Ԉ MENDE KIKAKUI SYLLABLE M054 LOO  
 1E83C Ԉ MENDE KIKAKUI SYLLABLE M153 LO  
 1E83D Ԉ MENDE KIKAKUI SYLLABLE M110 LONG LE

**Syllables in d-**

- 1E83E ڸ MENDE KIKAKUI SYLLABLE M016 DI  
 1E83F ڸ MENDE KIKAKUI SYLLABLE M017 DA  
 1E840 ڸ MENDE KIKAKUI SYLLABLE M018 DU  
 1E841 ڸ MENDE KIKAKUI SYLLABLE M089 DEE  
 1E842 ڸ MENDE KIKAKUI SYLLABLE M180 DOO  
     • equivalent to Dalby M178  
 1E843 ڸo MENDE KIKAKUI SYLLABLE M181 DO  
     • equivalent to Dalby M179

**Syllables in t-**

- 1E844 ڸ MENDE KIKAKUI SYLLABLE M022 TI  
     • equivalent to Dalby and Mansaray M025  
 1E845 ڣ MENDE KIKAKUI SYLLABLE M023 TA  
     • equivalent to Dalby and Mansaray M026  
 1E846 ڣ MENDE KIKAKUI SYLLABLE M024 TU  
     • equivalent to Dalby and Mansaray M027  
 1E847 ڸ MENDE KIKAKUI SYLLABLE M091 TEE  
 1E848 ڣ MENDE KIKAKUI SYLLABLE M055 TE  
 1E849 Ӯ MENDE KIKAKUI SYLLABLE M104 TOO  
 1E84A Ӯ MENDE KIKAKUI SYLLABLE M069 TO

**Syllables in j-**

- 1E84B Ҽ MENDE KIKAKUI SYLLABLE M028 JI  
     • equivalent to Mansaray M034  
 1E84C Ҽ MENDE KIKAKUI SYLLABLE M029 JA  
     • equivalent to Mansaray M035  
 1E84D Ҽ MENDE KIKAKUI SYLLABLE M030 JU  
     • equivalent to Mansaray M036  
 1E84E Ԇ MENDE KIKAKUI SYLLABLE M157 JEE  
 1E84F ԇ MENDE KIKAKUI SYLLABLE M113 JE  
 1E850 ԇ MENDE KIKAKUI SYLLABLE M160 JOO  
 1E851 ԇ MENDE KIKAKUI SYLLABLE M063 JO  
 1E852 ԇ MENDE KIKAKUI SYLLABLE M175 LONG JO

**Syllables in y-**

- 1E853 ڽ MENDE KIKAKUI SYLLABLE M031 YI  
 1E854 ڽ MENDE KIKAKUI SYLLABLE M032 YA  
 1E855 ڽ MENDE KIKAKUI SYLLABLE M033 YU  
 1E856 ԇ MENDE KIKAKUI SYLLABLE M109 YEE  
 1E857 ԇ MENDE KIKAKUI SYLLABLE M080 YE  
 1E858 ߗ MENDE KIKAKUI SYLLABLE M141 YOO  
 1E859 ߗ MENDE KIKAKUI SYLLABLE M121 YO

**Syllables in f-**

- 1E85A ◎ MENDE KIKAKUI SYLLABLE M034 FI  
• equivalent to Mansaray M028
- 1E85B ◯ MENDE KIKAKUI SYLLABLE M035 FA  
• equivalent to Mansaray M029
- 1E85C ö MENDE KIKAKUI SYLLABLE M036 FU  
• equivalent to Mansaray M030
- 1E85D ø MENDE KIKAKUI SYLLABLE M078 FEE
- 1E85E † MENDE KIKAKUI SYLLABLE M075 FE
- 1E85F ‡ MENDE KIKAKUI SYLLABLE M133 FOO
- 1E860 ≈ MENDE KIKAKUI SYLLABLE M088 FO
- 1E861 †≈ MENDE KIKAKUI SYLLABLE M197 FUA  
• not in Dalby or in Mansaray
- 1E862 § MENDE KIKAKUI SYLLABLE M101 FAN

**Syllables in n-**

- 1E863 > MENDE KIKAKUI SYLLABLE M037 NIN
- 1E864 > MENDE KIKAKUI SYLLABLE M038 NAN
- 1E865 > MENDE KIKAKUI SYLLABLE M039 NUN
- 1E866 > MENDE KIKAKUI SYLLABLE M117 NEN
- 1E867 ï MENDE KIKAKUI SYLLABLE M169 NON

**Syllables in h-**

- 1E868 †‡ MENDE KIKAKUI SYLLABLE M176 HI
- 1E869 †† MENDE KIKAKUI SYLLABLE M041 HA
- 1E86A †‡ MENDE KIKAKUI SYLLABLE M186 HU
- 1E86B †† MENDE KIKAKUI SYLLABLE M040 HEE
- 1E86C †‡ MENDE KIKAKUI SYLLABLE M096 HE
- 1E86D †† MENDE KIKAKUI SYLLABLE M042 HOO
- 1E86E †‡ MENDE KIKAKUI SYLLABLE M140 HO
- 1E86F †‡ MENDE KIKAKUI SYLLABLE M083 HEEI
- 1E870 †‡‡ MENDE KIKAKUI SYLLABLE M128 HOOU
- 1E871 ɔ MENDE KIKAKUI SYLLABLE M053 HIN
- 1E872 X MENDE KIKAKUI SYLLABLE M130 HAN
- 1E873 ɔ MENDE KIKAKUI SYLLABLE M087 HUN
- 1E874 ɔ‡ MENDE KIKAKUI SYLLABLE M052 HEN
- 1E875 ɔ‡ MENDE KIKAKUI SYLLABLE M193 HON  
• Dalby's M193 NGEE has different shape and value
- 1E876 ♦ MENDE KIKAKUI SYLLABLE M046 HUAN

**Syllables in ngg-**

- 1E877 ֆ MENDE KIKAKUI SYLLABLE M090 NGGI
- 1E878 ± MENDE KIKAKUI SYLLABLE M043 NGGA
- 1E879 ‡ MENDE KIKAKUI SYLLABLE M082 NGGU
- 1E87A ՞ MENDE KIKAKUI SYLLABLE M115 NGGEE
- 1E87B :E MENDE KIKAKUI SYLLABLE M146 NGGE
- 1E87C †‡ MENDE KIKAKUI SYLLABLE M156 NGGOO
- 1E87D ՞ MENDE KIKAKUI SYLLABLE M120 NGGO
- 1E87E ՞ MENDE KIKAKUI SYLLABLE M159 NGGAA
- 1E87F †‡‡ MENDE KIKAKUI SYLLABLE M127 NGGUUA
- 1E880 o‡‡ MENDE KIKAKUI SYLLABLE M086 LONG NGGE
- 1E881 ՞ MENDE KIKAKUI SYLLABLE M106 LONG NGGOO
- 1E882 ՚ MENDE KIKAKUI SYLLABLE M183 LONG NGGO

**Syllables in g-**

- 1E883 ՞ MENDE KIKAKUI SYLLABLE M155 GI
- 1E884 ՞ MENDE KIKAKUI SYLLABLE M111 GA
- 1E885 ՞ MENDE KIKAKUI SYLLABLE M168 GU
- 1E886 ՞ MENDE KIKAKUI SYLLABLE M190 GEE
- 1E887 ՞ MENDE KIKAKUI SYLLABLE M166 GUEI
- 1E888 ՞ MENDE KIKAKUI SYLLABLE M167 GUAN

**Syllables in ng-**

- 1E889 ՚ MENDE KIKAKUI SYLLABLE M184 NGEN
- 1E88A ՞ MENDE KIKAKUI SYLLABLE M057 NGON
- 1E88B ՞ MENDE KIKAKUI SYLLABLE M177 NGUAN  
• equivalent to Dalby M181

**Syllables in p-**

- 1E88C ՚ MENDE KIKAKUI SYLLABLE M068 PI
- 1E88D ՚ MENDE KIKAKUI SYLLABLE M099 PA
- 1E88E ՚ MENDE KIKAKUI SYLLABLE M050 PU
- 1E88F ՚ MENDE KIKAKUI SYLLABLE M081 PEE
- 1E890 ՚ MENDE KIKAKUI SYLLABLE M051 PE
- 1E891 ՚ MENDE KIKAKUI SYLLABLE M102 POO
- 1E892 ՚ MENDE KIKAKUI SYLLABLE M066 PO

**Syllables in mb-**

- 1E893 ՚ MENDE KIKAKUI SYLLABLE M145 MBII
- 1E894 ՚ MENDE KIKAKUI SYLLABLE M062 MBA
- 1E895 ՚ MENDE KIKAKUI SYLLABLE M122 MBU
- 1E896 ՚ MENDE KIKAKUI SYLLABLE M047 MBEE
- 1E897 ՚ MENDE KIKAKUI SYLLABLE M188 MBEE
- 1E898 ՚ MENDE KIKAKUI SYLLABLE M072 MBE
- 1E899 ՚ MENDE KIKAKUI SYLLABLE M172 MBOO
- 1E89A ՚ MENDE KIKAKUI SYLLABLE M174 MBO
- 1E89B ՚ MENDE KIKAKUI SYLLABLE M187 MBUU
- 1E89C ՚ MENDE KIKAKUI SYLLABLE M161 LONG MBE
- 1E89D ՚ MENDE KIKAKUI SYLLABLE M105 LONG MBOO
- 1E89E ՚ MENDE KIKAKUI SYLLABLE M142 LONG MBO

**Syllables in kp-**

- 1E89F ՚ MENDE KIKAKUI SYLLABLE M132 KPI
- 1E8A0 ՚ MENDE KIKAKUI SYLLABLE M092 KPA
- 1E8A1 ՚ MENDE KIKAKUI SYLLABLE M074 KPU
- 1E8A2 ՚ MENDE KIKAKUI SYLLABLE M044 KPEE
- 1E8A3 ՚ MENDE KIKAKUI SYLLABLE M108 KPE
- 1E8A4 ՚ MENDE KIKAKUI SYLLABLE M112 KPOO
- 1E8A5 ՚ MENDE KIKAKUI SYLLABLE M158 KPO

**Syllables in gb-**

- 1E8A6 ՚ MENDE KIKAKUI SYLLABLE M124 GBI
- 1E8A7 ՚ MENDE KIKAKUI SYLLABLE M056 GBA
- 1E8A8 ՚ MENDE KIKAKUI SYLLABLE M148 GBU
- 1E8A9 ՚ MENDE KIKAKUI SYLLABLE M093 GBEE
- 1E8AA ՚ MENDE KIKAKUI SYLLABLE M107 GBE
- 1E8AB ՚ MENDE KIKAKUI SYLLABLE M071 GBOO
- 1E8AC ՚ MENDE KIKAKUI SYLLABLE M070 GBO

**Syllable in r-**

- 1E8AD ՚ MENDE KIKAKUI SYLLABLE M171 RA

**Syllables in nd-**

- 1E8AE ՚ MENDE KIKAKUI SYLLABLE M123 NDI
- 1E8AF ՚ MENDE KIKAKUI SYLLABLE M129 NDA
- 1E8B0 ՚ MENDE KIKAKUI SYLLABLE M125 NDU
- 1E8B1 ՚ MENDE KIKAKUI SYLLABLE M191 NDEE
- 1E8B2 ՚ MENDE KIKAKUI SYLLABLE M119 NDE
- 1E8B3 ՚ MENDE KIKAKUI SYLLABLE M067 NDOO
- 1E8B4 ՚ MENDE KIKAKUI SYLLABLE M064 NDO

**Syllables in nj-**

- 1E8B5 ՚ MENDE KIKAKUI SYLLABLE M152 NJA
- 1E8B6 ՚ MENDE KIKAKUI SYLLABLE M192 NJU
- 1E8B7 ՚ MENDE KIKAKUI SYLLABLE M149 NJEE
- 1E8B8 ՚ MENDE KIKAKUI SYLLABLE M134 NJOO

**Syllables in v-**

- 1E8B9 ◊ MENDE KIKAKUI SYLLABLE M182 VI  
   • equivalent to Dalby M180
- 1E8BA ◈ MENDE KIKAKUI SYLLABLE M185 VA
- 1E8BB ◉ MENDE KIKAKUI SYLLABLE M151 VU
- 1E8BC ◙ MENDE KIKAKUI SYLLABLE M173 VEE
- 1E8BD ✂ MENDE KIKAKUI SYLLABLE M085 VE
- 1E8BE ⠄ MENDE KIKAKUI SYLLABLE M144 VOO
- 1E8BF ✂ MENDE KIKAKUI SYLLABLE M077 VO

**Syllables in ny-**

- 1E8C0 ⠄ MENDE KIKAKUI SYLLABLE M164 NYIN
- 1E8C1 ⠄ MENDE KIKAKUI SYLLABLE M058 NYAN
- 1E8C2 ⠄= MENDE KIKAKUI SYLLABLE M170 NYUN
- 1E8C3 ⠄ C MENDE KIKAKUI SYLLABLE M098 NYEN
- 1E8C4 ⠄+ MENDE KIKAKUI SYLLABLE M060 NYON

**Digits**

- 1E8C7 ⠄ MENDE KIKAKUI DIGIT ONE
- 1E8C8 ⠄< MENDE KIKAKUI DIGIT TWO
- 1E8C9 ⠄⠄ MENDE KIKAKUI DIGIT THREE
- 1E8CA ⠄⠄⠄ MENDE KIKAKUI DIGIT FOUR
- 1E8CB ⠄⠄⠄⠄ MENDE KIKAKUI DIGIT FIVE
- 1E8CC ⠄⠄⠄⠄⠄ MENDE KIKAKUI DIGIT SIX
- 1E8CD ⠄⠄⠄⠄⠄⠄ MENDE KIKAKUI DIGIT SEVEN
- 1E8CE ⠄⠄⠄⠄⠄⠄⠄ MENDE KIKAKUI DIGIT EIGHT
- 1E8CF ⠄⠄⠄⠄⠄⠄⠄⠄ MENDE KIKAKUI DIGIT NINE

**Combining number bases**

- 1E8D0 ⠄⠄ MENDE KIKAKUI COMBINING NUMBER TEENS
- 1E8D1 ⠄⠄⠄ MENDE KIKAKUI COMBINING NUMBER TENS
- 1E8D2 ⠄⠄⠄⠄ MENDE KIKAKUI COMBINING NUMBER HUNDREDS
- 1E8D3 ⠄⠄⠄⠄⠄ MENDE KIKAKUI COMBINING NUMBER THOUSANDS
- 1E8D4 ⠄⠄⠄⠄⠄⠄ MENDE KIKAKUI COMBINING NUMBER TEN THOUSANDS
- 1E8D5 ⠄⠄⠄⠄⠄⠄⠄ MENDE KIKAKUI COMBINING NUMBER HUNDRED THOUSANDS
- 1E8D6 ⠄⠄⠄⠄⠄⠄⠄⠄ MENDE KIKAKUI COMBINING NUMBER MILLIONS

1EE0	1EE1	1EE2	1EE3	1EE4	1EE5	1EE6	1EE7	1EE8	1EE9	1EEA	1EEB	1EEC	1ED	1EEE	1EEF
------	------	------	------	------	------	------	------	------	------	------	------	------	-----	------	------

٠	ف	ف	ف				ف	ف	ف	ف					م
١	ب	ص	ب	ص	ب	ص	ب	ص	ب	ص	ب	ص			د
٢	ج	ق	ج	ق	ج	ق	ج	ق	ج	ق	ج	ق			
٣	د	ر								ه	ه	ه			
٤		ش	ه	ش		ش	هـا	شـا	هـ	شـ		شـ			
٥	و	ت		تـ				تا	وـ	تـ					
٦	ز	ثـ		ثـ				ثـا	زـ	ثـ		ثـ			
٧	حـ	خـ	حـ	خـ	حـ	خـ	حـا	خـا	حـ	خـ	حـ	خـ			
٨	طـ	ذـ					طـا	طـ	ذـ	طـ					
٩	يـ	ضـ	يـ	ضـ	يـ	ضـ	يـا	ضا	يـ	ضـ	يـ	ضـ			
A	كـ	ظـ	كـ				كـا	ظـا	ظـ						
B	لـ	غـ	لـ	غـ	لـ	غـ		غا	لـ	غـ	لـ	غـ			
C	مـ	ـم	ـم				ـما	ـا	ـمـ						
D	ـنـ	ـلـ	ـذـ		ـنـ	ـلـ	ـنـ	ـاـ	ـنـ						
E	ـسـ	ـفـ	ـــ		ـسـ		ـــ	ـــ							
F	ـعـ	ـــ	ـــ		ـعـ	ـــ	ـــ	ـــ	ـــ						

**Isolated symbols**

1EE00	ARABIC MATHEMATICAL ALEF
	→ FE8D <sup>1</sup> arabic letter alef isolated form
	≈ <font> 0627 <sup>1</sup> arabic letter alef
1EE01	ARABIC MATHEMATICAL BEH
	→ FE8F <sup>2</sup> arabic letter beh isolated form
	≈ <font> 0628 <sup>2</sup> arabic letter beh
1EE02	ARABIC MATHEMATICAL JEEM
	→ FE9D <sup>3</sup> arabic letter jeem isolated form
	≈ <font> 062C <sup>3</sup> arabic letter jeem
1EE03	ARABIC MATHEMATICAL DAL
	→ FEA9 <sup>4</sup> arabic letter dal isolated form
	≈ <font> 062F <sup>4</sup> arabic letter dal
1EE04	<reserved>
1EE05	ARABIC MATHEMATICAL WAW
	→ FEED <sup>5</sup> arabic letter waw isolated form
	≈ <font> 0648 <sup>5</sup> arabic letter waw
1EE06	ARABIC MATHEMATICAL ZAIN
	→ FEAF <sup>6</sup> arabic letter zain isolated form
	≈ <font> 0632 <sup>6</sup> arabic letter zain
1EE07	ARABIC MATHEMATICAL HAH
	→ FEA1 <sup>7</sup> arabic letter hah isolated form
	≈ <font> 062D <sup>7</sup> arabic letter hah
1EE08	ARABIC MATHEMATICAL TAH
	→ FEC1 <sup>8</sup> arabic letter tah isolated form
	≈ <font> 0637 <sup>8</sup> arabic letter tah
1EE09	ARABIC MATHEMATICAL YEH
	→ FEF1 <sup>9</sup> arabic letter yeh isolated form
	≈ <font> 064A <sup>9</sup> arabic letter yeh
1EE0A	ARABIC MATHEMATICAL KAF
	→ FED9 <sup>10</sup> arabic letter kaf isolated form
	≈ <font> 0643 <sup>10</sup> arabic letter kaf
1EE0B	ARABIC MATHEMATICAL LAM
	→ FEDD <sup>11</sup> arabic letter lam isolated form
	≈ <font> 0644 <sup>11</sup> arabic letter lam
1EE0C	ARABIC MATHEMATICAL MEEM
	→ FEE1 <sup>12</sup> arabic letter meem isolated form
	≈ <font> 0645 <sup>12</sup> arabic letter meem
1EE0D	ARABIC MATHEMATICAL NOON
	→ FEE5 <sup>13</sup> arabic letter noon isolated form
	≈ <font> 0646 <sup>13</sup> arabic letter noon
1EE0E	ARABIC MATHEMATICAL SEEN
	→ FEB1 <sup>14</sup> arabic letter seen isolated form
	≈ <font> 0633 <sup>14</sup> arabic letter seen
1EE0F	ARABIC MATHEMATICAL AIN
	→ FEC9 <sup>15</sup> arabic letter ain isolated form
	≈ <font> 0639 <sup>15</sup> arabic letter ain
1EE10	ARABIC MATHEMATICAL FEH
	→ FED1 <sup>16</sup> arabic letter feh isolated form
	≈ <font> 0641 <sup>16</sup> arabic letter feh
1EE11	ARABIC MATHEMATICAL SAD
	→ FEB9 <sup>17</sup> arabic letter sad isolated form
	≈ <font> 0635 <sup>17</sup> arabic letter sad
1EE12	ARABIC MATHEMATICAL QAF
	→ FED5 <sup>18</sup> arabic letter qaf isolated form
	≈ <font> 0642 <sup>18</sup> arabic letter qaf
1EE13	ARABIC MATHEMATICAL REH
	→ FEAD <sup>19</sup> arabic letter reh isolated form
	≈ <font> 0631 <sup>19</sup> arabic letter reh
1EE14	ARABIC MATHEMATICAL SHEEN
	→ FEB5 <sup>20</sup> arabic letter sheen isolated form
	≈ <font> 0634 <sup>20</sup> arabic letter sheen

1EE15	ARABIC MATHEMATICAL TEH
	→ FE95 <sup>21</sup> arabic letter teh isolated form
	≈ <font> 062A <sup>21</sup> arabic letter teh
1EE16	ARABIC MATHEMATICAL THEH
	→ FE99 <sup>22</sup> arabic letter theh isolated form
	≈ <font> 062B <sup>22</sup> arabic letter theh
1EE17	ARABIC MATHEMATICAL KHAH
	→ FEA5 <sup>23</sup> arabic letter kah isolated form
	≈ <font> 062E <sup>23</sup> arabic letter kah
1EE18	ARABIC MATHEMATICAL THAL
	→ FEAB <sup>24</sup> arabic letter thal isolated form
	≈ <font> 0630 <sup>24</sup> arabic letter thal
1EE19	ARABIC MATHEMATICAL DAD
	→ FEBD <sup>25</sup> arabic letter dad isolated form
	≈ <font> 0636 <sup>25</sup> arabic letter dad
1EE1A	ARABIC MATHEMATICAL ZAH
	→ FEC5 <sup>26</sup> arabic letter zah isolated form
	≈ <font> 0638 <sup>26</sup> arabic letter zah
1EE1B	ARABIC MATHEMATICAL GHAIN
	→ FECD <sup>27</sup> arabic letter ghain isolated form
	≈ <font> 063A <sup>27</sup> arabic letter ghain
1EE1C	ARABIC MATHEMATICAL DOTLESS BEH
	→ 066E <sup>28</sup> arabic letter dotless beh
	≈ <font> 066E <sup>28</sup> arabic letter dotless beh
1EE1D	ARABIC MATHEMATICAL DOTLESS NOON
	→ FB9E <sup>29</sup> arabic letter noon ghunna isolated form
	≈ <font> 06BA <sup>29</sup> arabic letter noon ghunna
1EE1E	ARABIC MATHEMATICAL DOTLESS FEH
	→ 06A1 <sup>30</sup> arabic letter dotless feh
	≈ <font> 06A1 <sup>30</sup> arabic letter dotless feh
1EE1F	ARABIC MATHEMATICAL DOTLESS QAF
	→ 066F <sup>31</sup> arabic letter dotless qaf
	≈ <font> 066F <sup>31</sup> arabic letter dotless qaf

**Initial symbols**

1EE21	ARABIC MATHEMATICAL INITIAL BEH
	→ FE91 <sup>32</sup> arabic letter beh initial form
	≈ <font> 0628 <sup>32</sup> arabic letter beh
1EE22	ARABIC MATHEMATICAL INITIAL JEEM
	→ FE9F <sup>33</sup> arabic letter jeem initial form
	≈ <font> 062C <sup>33</sup> arabic letter jeem
1EE23	<reserved>
1EE24	ARABIC MATHEMATICAL INITIAL HEH
	→ FEEB <sup>34</sup> arabic letter heh initial form
	≈ <font> 0647 <sup>34</sup> arabic letter heh
1EE25	<reserved>
1EE26	<reserved>
1EE27	ARABIC MATHEMATICAL INITIAL HAH
	→ FEA3 <sup>35</sup> arabic letter hah initial form
	≈ <font> 062D <sup>35</sup> arabic letter hah
1EE28	<reserved>
1EE29	ARABIC MATHEMATICAL INITIAL YEH
	→ FEF3 <sup>36</sup> arabic letter yeh initial form
	≈ <font> 064A <sup>36</sup> arabic letter yeh
1EE2A	ARABIC MATHEMATICAL INITIAL KAF
	→ FEDB <sup>37</sup> arabic letter kaf initial form
	≈ <font> 0643 <sup>37</sup> arabic letter kaf
1EE2B	ARABIC MATHEMATICAL INITIAL LAM
	→ FEDF <sup>38</sup> arabic letter lam initial form
	≈ <font> 0644 <sup>38</sup> arabic letter lam

1EE2C	ARABIC MATHEMATICAL INITIAL MEEM
	→ FEE3 ↗ arabic letter meem initial form
	≈ <font> 0645 ↗ arabic letter meem
1EE2D	ARABIC MATHEMATICAL INITIAL NOON
	→ FEE7 ↗ arabic letter noon initial form
	≈ <font> 0646 ↗ arabic letter noon
1EE2E	ARABIC MATHEMATICAL INITIAL SEEN
	→ FEB3 ↗ arabic letter seen initial form
	≈ <font> 0633 ↗ arabic letter seen
1EE2F	ARABIC MATHEMATICAL INITIAL AIN
	→ FECB ↗ arabic letter ain initial form
	≈ <font> 0639 ↗ arabic letter ain
1EE30	ARABIC MATHEMATICAL INITIAL FEH
	→ FED3 ↗ arabic letter feh initial form
	≈ <font> 0641 ↗ arabic letter feh
1EE31	ARABIC MATHEMATICAL INITIAL SAD
	→ FEBB ↗ arabic letter sad initial form
	≈ <font> 0635 ↗ arabic letter sad
1EE32	ARABIC MATHEMATICAL INITIAL QAF
	→ FED7 ↗ arabic letter qaf initial form
	≈ <font> 0642 ↗ arabic letter qaf
1EE33	reserved
1EE34	ARABIC MATHEMATICAL INITIAL SHEEN
	→ FEB7 ↗ arabic letter sheen initial form
	≈ <font> 0634 ↗ arabic letter sheen
1EE35	ARABIC MATHEMATICAL INITIAL TEH
	→ FE97 ↗ arabic letter teh initial form
	≈ <font> 062A ↗ arabic letter teh
1EE36	ARABIC MATHEMATICAL INITIAL THEH
	→ FE9B ↗ arabic letter theh initial form
	≈ <font> 062B ↗ arabic letter theh
1EE37	ARABIC MATHEMATICAL INITIAL KHAH
	→ FEA7 ↗ arabic letter khah initial form
	≈ <font> 062E ↗ arabic letter khah
1EE38	reserved
1EE39	ARABIC MATHEMATICAL INITIAL DAD
	→ FEBF ↗ arabic letter dad initial form
	≈ <font> 0636 ↗ arabic letter dad
1EE3A	reserved
1EE3B	ARABIC MATHEMATICAL INITIAL GHAIN
	→ FECF ↗ arabic letter ghain initial form
	≈ <font> 063A ↗ arabic letter ghain

**Tailed symbols**

1EE42	ARABIC MATHEMATICAL TAILED JEEM
	≈ <font> 062C ↘ arabic letter jeem
1EE43	reserved
1EE44	reserved
1EE45	reserved
1EE46	reserved
1EE47	ARABIC MATHEMATICAL TAILED HAH
	≈ <font> 062D ↘ arabic letter hah
1EE48	reserved
1EE49	ARABIC MATHEMATICAL TAILED YEH
	≈ <font> 064A ↘ arabic letter yeh
1EE4A	reserved
1EE4B	ARABIC MATHEMATICAL TAILED LAM
	≈ <font> 0644 ↘ arabic letter lam
1EE4C	reserved
1EE4D	ARABIC MATHEMATICAL TAILED NOON
	≈ <font> 0646 ↘ arabic letter noon
1EE4E	ARABIC MATHEMATICAL TAILED SEEN
	≈ <font> 0633 ↘ arabic letter seen

1EE4F	ARABIC MATHEMATICAL TAILED AIN
	≈ <font> 0639 ↘ arabic letter ain
1EE50	reserved
1EE51	ARABIC MATHEMATICAL TAILED SAD
	≈ <font> 0635 ↘ arabic letter sad
1EE52	ARABIC MATHEMATICAL TAILED QAF
	≈ <font> 0642 ↘ arabic letter qaf
1EE53	reserved
1EE54	ARABIC MATHEMATICAL TAILED SHEEN
	≈ <font> 0634 ↘ arabic letter sheen
1EE55	reserved
1EE56	reserved
1EE57	ARABIC MATHEMATICAL TAILED KHAH
	≈ <font> 062E ↘ arabic letter khah
1EE58	reserved
1EE59	ARABIC MATHEMATICAL TAILED DAD
	≈ <font> 0636 ↘ arabic letter dad
1EE5A	reserved
1EE5B	ARABIC MATHEMATICAL TAILED GHAIN
	≈ <font> 063A ↘ arabic letter ghain
1EE5C	reserved
1EE5D	ARABIC MATHEMATICAL TAILED DOTLESS NOON
	≈ <font> 06BA ↘ arabic letter noon ghunna
1EE5E	reserved
1EE5F	ARABIC MATHEMATICAL TAILED DOTLESS QAF
	≈ <font> 066F ↘ arabic letter dotless qaf

**Stretched symbols**

1EE61	ARABIC MATHEMATICAL STRETCHED BEH
	≈ <font> 0628 ↙ arabic letter beh
1EE62	ARABIC MATHEMATICAL STRETCHED JEEM
	≈ <font> 062C ↙ arabic letter jeem
1EE63	reserved
1EE64	ARABIC MATHEMATICAL STRETCHED HEH
	≈ <font> 0647 ↙ arabic letter heh
1EE65	reserved
1EE66	reserved
1EE67	ARABIC MATHEMATICAL STRETCHED HAH
	≈ <font> 062D ↙ arabic letter hah
1EE68	ARABIC MATHEMATICAL STRETCHED TAH
	≈ <font> 0637 ↙ arabic letter tah
1EE69	ARABIC MATHEMATICAL STRETCHED YEH
	≈ <font> 064A ↙ arabic letter yeh
1EE6A	ARABIC MATHEMATICAL STRETCHED KAF
	≈ <font> 0643 ↙ arabic letter kaf
1EE6B	reserved
1EE6C	ARABIC MATHEMATICAL STRETCHED MEEM
	≈ <font> 0645 ↙ arabic letter meem
1EE6D	ARABIC MATHEMATICAL STRETCHED NOON
	≈ <font> 0646 ↙ arabic letter noon
1EE6E	ARABIC MATHEMATICAL STRETCHED SEEN
	≈ <font> 0633 ↙ arabic letter seen
1EE6F	ARABIC MATHEMATICAL STRETCHED AIN
	≈ <font> 0639 ↙ arabic letter ain
1EE70	ARABIC MATHEMATICAL STRETCHED FEH
	≈ <font> 0641 ↙ arabic letter feh
1EE71	ARABIC MATHEMATICAL STRETCHED SAD
	≈ <font> 0635 ↙ arabic letter sad
1EE72	ARABIC MATHEMATICAL STRETCHED QAF
	≈ <font> 0642 ↙ arabic letter qaf
1EE73	reserved

1EE74

## Arabic Mathematical Alphabetic Symbols

1EEB3

1EE74	ش	ARABIC MATHEMATICAL STRETCHED SHEEN ≈ <font> 0634 ش arabic letter sheen
1EE75	ت	ARABIC MATHEMATICAL STRETCHED TEH ≈ <font> 062A ت arabic letter teh
1EE76	ث	ARABIC MATHEMATICAL STRETCHED THEH ≈ <font> 062B ث arabic letter theh
1EE77	خ	ARABIC MATHEMATICAL STRETCHED KHAH ≈ <font> 062E خ arabic letter kah
1EE78	د	<reserved>
1EE79	ذ	ARABIC MATHEMATICAL STRETCHED DAD ≈ <font> 0636 ذ arabic letter dad
1EE7A	ظ	ARABIC MATHEMATICAL STRETCHED ZAH ≈ <font> 0638 ظ arabic letter zah
1EE7B	غ	ARABIC MATHEMATICAL STRETCHED GHAIN ≈ <font> 063A غ arabic letter ghain
1EE7C	ب	ARABIC MATHEMATICAL STRETCHED DOTLESS BEH ≈ <font> 066E ب arabic letter dotless beh
1EE7D	ـ	<reserved>
1EE7E	ـ	ARABIC MATHEMATICAL STRETCHED DOTLESS FEH ≈ <font> 06A1 ـ arabic letter dotless feh

**Looped symbols**

1EE80	ـ	ARABIC MATHEMATICAL LOOPED ALEF ≈ <font> 0627 ـ arabic letter alef
1EE81	ـ	ARABIC MATHEMATICAL LOOPED BEH ≈ <font> 0628 ـ arabic letter beh
1EE82	ـ	ARABIC MATHEMATICAL LOOPED JEEM ≈ <font> 062C ـ arabic letter jeem
1EE83	ـ	ARABIC MATHEMATICAL LOOPED DAL ≈ <font> 062F ـ arabic letter dal
1EE84	ـ	ARABIC MATHEMATICAL LOOPED HEH ≈ <font> 0647 ـ arabic letter heh
1EE85	ـ	ARABIC MATHEMATICAL LOOPED WAW ≈ <font> 0648 ـ arabic letter waw
1EE86	ـ	ARABIC MATHEMATICAL LOOPED ZAIN ≈ <font> 0632 ـ arabic letter zain
1EE87	ـ	ARABIC MATHEMATICAL LOOPED HAH ≈ <font> 062D ـ arabic letter hah
1EE88	ـ	ARABIC MATHEMATICAL LOOPED TAH ≈ <font> 0637 ـ arabic letter tah
1EE89	ـ	ARABIC MATHEMATICAL LOOPED YEH ≈ <font> 064A ـ arabic letter yeh
1EE8A	ـ	<reserved>
1EE8B	ـ	ARABIC MATHEMATICAL LOOPED LAM ≈ <font> 0644 ـ arabic letter lam
1EE8C	ـ	ARABIC MATHEMATICAL LOOPED MEEM ≈ <font> 0645 ـ arabic letter meem
1EE8D	ـ	ARABIC MATHEMATICAL LOOPED NOON ≈ <font> 0646 ـ arabic letter noon
1EE8E	ـ	ARABIC MATHEMATICAL LOOPED SEEN ≈ <font> 0633 ـ arabic letter seen
1EE8F	ـ	ARABIC MATHEMATICAL LOOPED AIN ≈ <font> 0639 ـ arabic letter ain
1EE90	ـ	ARABIC MATHEMATICAL LOOPED FEH ≈ <font> 0641 ـ arabic letter feh
1EE91	ـ	ARABIC MATHEMATICAL LOOPED SAD ≈ <font> 0635 ـ arabic letter sad
1EE92	ـ	ARABIC MATHEMATICAL LOOPED QAF ≈ <font> 0642 ـ arabic letter qaf
1EE93	ـ	ARABIC MATHEMATICAL LOOPED REH ≈ <font> 0631 ـ arabic letter reh

1EE94	ـ	ARABIC MATHEMATICAL LOOPED SHEEN ≈ <font> 0634 ـ arabic letter sheen
1EE95	ـ	ARABIC MATHEMATICAL LOOPED TEH ≈ <font> 062A ـ arabic letter teh
1EE96	ـ	ARABIC MATHEMATICAL LOOPED THEH ≈ <font> 062B ـ arabic letter theh
1EE97	ـ	ARABIC MATHEMATICAL LOOPED KHAH ≈ <font> 062E ـ arabic letter kah
1EE98	ـ	ARABIC MATHEMATICAL LOOPED THAL ≈ <font> 0630 ـ arabic letter thal
1EE99	ـ	ARABIC MATHEMATICAL LOOPED DAD ≈ <font> 0636 ـ arabic letter dad
1EE9A	ـ	ARABIC MATHEMATICAL LOOPED ZAH ≈ <font> 0638 ـ arabic letter zah
1EE9B	ـ	ARABIC MATHEMATICAL LOOPED GHAIN ≈ <font> 063A ـ arabic letter ghain

**Double-struck symbols**

1EEA1	ـ	ARABIC MATHEMATICAL DOUBLE-STRUCK BEH ≈ <font> 0628 ـ arabic letter beh
1EEA2	ـ	ARABIC MATHEMATICAL DOUBLE-STRUCK JEEM ≈ <font> 062C ـ arabic letter jeem
1EEA3	ـ	ARABIC MATHEMATICAL DOUBLE-STRUCK DAL ≈ <font> 062F ـ arabic letter dal
1EEA4	ـ	<reserved>
1EEA5	ـ	ARABIC MATHEMATICAL DOUBLE-STRUCK WAW ≈ <font> 0648 ـ arabic letter waw
1EEA6	ـ	ARABIC MATHEMATICAL DOUBLE-STRUCK ZAIN ≈ <font> 0632 ـ arabic letter zain
1EEA7	ـ	ARABIC MATHEMATICAL DOUBLE-STRUCK HAH ≈ <font> 062D ـ arabic letter hah
1EEA8	ـ	ARABIC MATHEMATICAL DOUBLE-STRUCK TAH ≈ <font> 0637 ـ arabic letter tah
1EEA9	ـ	ARABIC MATHEMATICAL DOUBLE-STRUCK YEH ≈ <font> 064A ـ arabic letter yeh
1EEAA	ـ	<reserved>
1EEAB	ـ	ARABIC MATHEMATICAL DOUBLE-STRUCK LAM ≈ <font> 0644 ـ arabic letter lam
1EEAC	ـ	ARABIC MATHEMATICAL DOUBLE-STRUCK MEEM ≈ <font> 0645 ـ arabic letter meem
1EEAD	ـ	ARABIC MATHEMATICAL DOUBLE-STRUCK NOON ≈ <font> 0646 ـ arabic letter noon
1EEAE	ـ	ARABIC MATHEMATICAL DOUBLE-STRUCK SEEN ≈ <font> 0633 ـ arabic letter seen
1EEAF	ـ	ARABIC MATHEMATICAL DOUBLE-STRUCK AIN ≈ <font> 0639 ـ arabic letter ain
1EEB0	ـ	ARABIC MATHEMATICAL DOUBLE-STRUCK FEH ≈ <font> 0641 ـ arabic letter feh
1EEB1	ـ	ARABIC MATHEMATICAL DOUBLE-STRUCK SAD ≈ <font> 0635 ـ arabic letter sad
1EEB2	ـ	ARABIC MATHEMATICAL DOUBLE-STRUCK QAF ≈ <font> 0642 ـ arabic letter qaf
1EEB3	ـ	ARABIC MATHEMATICAL DOUBLE-STRUCK REH ≈ <font> 0631 ـ arabic letter reh

1EEB4	 ARABIC MATHEMATICAL DOUBLE-STRUCK SHEEN
	≈ <font> 0634 ↴ arabic letter sheen
1EEB5	 ARABIC MATHEMATICAL DOUBLE-STRUCK TEH
	≈ <font> 062A ↵ arabic letter teh
1EEB6	 ARABIC MATHEMATICAL DOUBLE-STRUCK THEH
	≈ <font> 062B ↶ arabic letter theh
1EEB7	 ARABIC MATHEMATICAL DOUBLE-STRUCK KHAH
	≈ <font> 062E ↷ arabic letter kah
1EEB8	 ARABIC MATHEMATICAL DOUBLE-STRUCK THAL
	≈ <font> 0630 ↸ arabic letter thal
1EEB9	 ARABIC MATHEMATICAL DOUBLE-STRUCK DAD
	≈ <font> 0636 ↹ arabic letter dad
1EEBA	 ARABIC MATHEMATICAL DOUBLE-STRUCK ZAH
	≈ <font> 0638 ↻ arabic letter zah
1EEBB	 ARABIC MATHEMATICAL DOUBLE-STRUCK GHAIN
	≈ <font> 063A ↽ arabic letter ghain

### Stretching operators

The following operators stretch based on the width of the text that is displayed below or above them.

1EEF0	 ARABIC MATHEMATICAL OPERATOR MEEM WITH HAH WITH TATWEEL
	<ul style="list-style-type: none"> <li>• used in Arabic mathematics to denote summation</li> <li>• stretched at the tatweel → 2211 <math>\sum</math> n-ary summation</li> </ul>
1EEF1	 ARABIC MATHEMATICAL OPERATOR HAH WITH DAL
	<ul style="list-style-type: none"> <li>• used in Persian mathematics to denote limits</li> <li>• stretched between the hah and the dal</li> </ul>

1F000

## Mahjong Tiles

1F02F

	1F00	1F01	1F02
0	東 1F000	鳥 1F010	圓 1F020
1	南 1F001	日 1F011	梅 1F021
2	西 1F002	月 1F012	蘭 1F022
3	北 1F003	斗 1F013	竹 1F023
4	中 1F004	筒 1F014	竹 1F024
5	發 1F005	索 1F015	菊 1F025
6	白 1F006	萬 1F016	春 1F026
7	一萬 1F007	萬 1F017	夏 1F027
8	二萬 1F008	萬 1F018	秋 1F028
9	三萬 1F009	萬 1F019	冬 1F029
A	四萬 1F00A	萬 1F01A	百搭 1F02A
B	伍萬 1F00B	萬 1F01B	牌 1F02B
C	六萬 1F00C	萬 1F01C	
D	七萬 1F00D	萬 1F01D	
E	八萬 1F00E	萬 1F01E	
F	九萬 1F00F	萬 1F01F	

1F000

## Mahjong Tiles

1F02B

**Prevailing wind tiles**

- 1F000 東 MAHJONG TILE EAST WIND  
 1F001 南 MAHJONG TILE SOUTH WIND  
 1F002 西 MAHJONG TILE WEST WIND  
 1F003 北 MAHJONG TILE NORTH WIND

**Dragon tiles**

- 1F004 中 MAHJONG TILE RED DRAGON  
     = hongzhong  
     ~ 1F004 FE0E text style  
     ~ 1F004 FEOF emoji style  
 1F005 發 MAHJONG TILE GREEN DRAGON  
     = qingfa  
 1F006 白 MAHJONG TILE WHITE DRAGON  
     = baiban

**Character suit tiles**

- 1F007 一 MAHJONG TILE ONE OF CHARACTERS  
     = wan  
 1F008 二 MAHJONG TILE TWO OF CHARACTERS  
 1F009 三 MAHJONG TILE THREE OF CHARACTERS  
 1F00A 四 MAHJONG TILE FOUR OF CHARACTERS  
 1F00B 五 MAHJONG TILE FIVE OF CHARACTERS  
 1F00C 六 MAHJONG TILE SIX OF CHARACTERS  
 1F00D 七 MAHJONG TILE SEVEN OF CHARACTERS  
 1F00E 八 MAHJONG TILE EIGHT OF CHARACTERS  
 1F00F 九 MAHJONG TILE NINE OF CHARACTERS

**Bamboo suit tiles**

- 1F010 箭 MAHJONG TILE ONE OF BAMBOOS  
     = tiao  
 1F011 二 MAHJONG TILE TWO OF BAMBOOS  
 1F012 三 MAHJONG TILE THREE OF BAMBOOS  
 1F013 四 MAHJONG TILE FOUR OF BAMBOOS  
 1F014 五 MAHJONG TILE FIVE OF BAMBOOS  
 1F015 六 MAHJONG TILE SIX OF BAMBOOS  
 1F016 七 MAHJONG TILE SEVEN OF BAMBOOS  
 1F017 八 MAHJONG TILE EIGHT OF BAMBOOS  
 1F018 九 MAHJONG TILE NINE OF BAMBOOS

**Circle suit tiles**

- 1F019 土 MAHJONG TILE ONE OF CIRCLES  
     = bing  
 1F01A 二 MAHJONG TILE TWO OF CIRCLES  
 1F01B 三 MAHJONG TILE THREE OF CIRCLES  
 1F01C 四 MAHJONG TILE FOUR OF CIRCLES  
 1F01D 五 MAHJONG TILE FIVE OF CIRCLES  
 1F01E 六 MAHJONG TILE SIX OF CIRCLES  
 1F01F 七 MAHJONG TILE SEVEN OF CIRCLES  
 1F020 八 MAHJONG TILE EIGHT OF CIRCLES  
 1F021 九 MAHJONG TILE NINE OF CIRCLES

**Flower tiles**

- 1F022 梅 MAHJONG TILE PLUM  
     = mei  
 1F023 兰 MAHJONG TILE ORCHID  
     = lan  
 1F024 竹 MAHJONG TILE BAMBOO  
     = zhu  
 1F025 菊 MAHJONG TILE CHRYSANTHEMUM  
     = ju

**Season tiles**

- 1F026 春 MAHJONG TILE SPRING  
 1F027 夏 MAHJONG TILE SUMMER  
 1F028 秋 MAHJONG TILE AUTUMN

1F029 冬 MAHJONG TILE WINTER

**Miscellaneous tiles**

- 1F02A 白板 MAHJONG TILE JOKER  
     = baida  
 1F02B 黑板 MAHJONG TILE BACK

1F030

## Domino Tiles

1F09F

	1F03	1F04	1F05	1F06	1F07	1F08	1F09
0							
1							
2							
3							
4							
5							
6							
7							
8							
9							
A							
B							
C							
D							
E							
F							

1F030

## Domino Tiles

1F093

**Horizontal tiles**

1F030 DOMINO TILE HORIZONTAL BACK

**Zeroes**

1F031 DOMINO TILE HORIZONTAL-00-00  
 1F032 DOMINO TILE HORIZONTAL-00-01  
 1F033 DOMINO TILE HORIZONTAL-00-02  
 1F034 DOMINO TILE HORIZONTAL-00-03  
 1F035 DOMINO TILE HORIZONTAL-00-04  
 1F036 DOMINO TILE HORIZONTAL-00-05  
 1F037 DOMINO TILE HORIZONTAL-00-06

**Ones**

1F038 DOMINO TILE HORIZONTAL-01-00  
 1F039 DOMINO TILE HORIZONTAL-01-01  
 1F03A DOMINO TILE HORIZONTAL-01-02  
 1F03B DOMINO TILE HORIZONTAL-01-03  
 1F03C DOMINO TILE HORIZONTAL-01-04  
 1F03D DOMINO TILE HORIZONTAL-01-05  
 1F03E DOMINO TILE HORIZONTAL-01-06

**Twos**

1F03F DOMINO TILE HORIZONTAL-02-00  
 1F040 DOMINO TILE HORIZONTAL-02-01  
 1F041 DOMINO TILE HORIZONTAL-02-02  
 1F042 DOMINO TILE HORIZONTAL-02-03  
 1F043 DOMINO TILE HORIZONTAL-02-04  
 1F044 DOMINO TILE HORIZONTAL-02-05  
 1F045 DOMINO TILE HORIZONTAL-02-06

**Threes**

1F046 DOMINO TILE HORIZONTAL-03-00  
 1F047 DOMINO TILE HORIZONTAL-03-01  
 1F048 DOMINO TILE HORIZONTAL-03-02  
 1F049 DOMINO TILE HORIZONTAL-03-03  
 1F04A DOMINO TILE HORIZONTAL-03-04  
 1F04B DOMINO TILE HORIZONTAL-03-05  
 1F04C DOMINO TILE HORIZONTAL-03-06

**Fours**

1F04D DOMINO TILE HORIZONTAL-04-00  
 1F04E DOMINO TILE HORIZONTAL-04-01  
 1F04F DOMINO TILE HORIZONTAL-04-02  
 1F050 DOMINO TILE HORIZONTAL-04-03  
 1F051 DOMINO TILE HORIZONTAL-04-04  
 1F052 DOMINO TILE HORIZONTAL-04-05  
 1F053 DOMINO TILE HORIZONTAL-04-06

**Fives**

1F054 DOMINO TILE HORIZONTAL-05-00  
 1F055 DOMINO TILE HORIZONTAL-05-01  
 1F056 DOMINO TILE HORIZONTAL-05-02  
 1F057 DOMINO TILE HORIZONTAL-05-03  
 1F058 DOMINO TILE HORIZONTAL-05-04  
 1F059 DOMINO TILE HORIZONTAL-05-05  
 1F05A DOMINO TILE HORIZONTAL-05-06

**Sixes**

1F05B DOMINO TILE HORIZONTAL-06-00  
 1F05C DOMINO TILE HORIZONTAL-06-01  
 1F05D DOMINO TILE HORIZONTAL-06-02  
 1F05E DOMINO TILE HORIZONTAL-06-03  
 1F05F DOMINO TILE HORIZONTAL-06-04  
 1F060 DOMINO TILE HORIZONTAL-06-05  
 1F061 DOMINO TILE HORIZONTAL-06-06

**Vertical tiles**

1F062 DOMINO TILE VERTICAL BACK

**Zeroes**

1F063 DOMINO TILE VERTICAL-00-00  
 1F064 DOMINO TILE VERTICAL-00-01  
 1F065 DOMINO TILE VERTICAL-00-02  
 1F066 DOMINO TILE VERTICAL-00-03  
 1F067 DOMINO TILE VERTICAL-00-04  
 1F068 DOMINO TILE VERTICAL-00-05  
 1F069 DOMINO TILE VERTICAL-00-06

**Ones**

1F06A DOMINO TILE VERTICAL-01-00  
 1F06B DOMINO TILE VERTICAL-01-01  
 1F06C DOMINO TILE VERTICAL-01-02  
 1F06D DOMINO TILE VERTICAL-01-03  
 1F06E DOMINO TILE VERTICAL-01-04  
 1F06F DOMINO TILE VERTICAL-01-05  
 1F070 DOMINO TILE VERTICAL-01-06

**Twos**

1F071 DOMINO TILE VERTICAL-02-00  
 1F072 DOMINO TILE VERTICAL-02-01  
 1F073 DOMINO TILE VERTICAL-02-02  
 1F074 DOMINO TILE VERTICAL-02-03  
 1F075 DOMINO TILE VERTICAL-02-04  
 1F076 DOMINO TILE VERTICAL-02-05  
 1F077 DOMINO TILE VERTICAL-02-06

**Threes**

1F078 DOMINO TILE VERTICAL-03-00  
 1F079 DOMINO TILE VERTICAL-03-01  
 1F07A DOMINO TILE VERTICAL-03-02  
 1F07B DOMINO TILE VERTICAL-03-03  
 1F07C DOMINO TILE VERTICAL-03-04  
 1F07D DOMINO TILE VERTICAL-03-05  
 1F07E DOMINO TILE VERTICAL-03-06

**Fours**

1F07F DOMINO TILE VERTICAL-04-00  
 1F080 DOMINO TILE VERTICAL-04-01  
 1F081 DOMINO TILE VERTICAL-04-02  
 1F082 DOMINO TILE VERTICAL-04-03  
 1F083 DOMINO TILE VERTICAL-04-04  
 1F084 DOMINO TILE VERTICAL-04-05  
 1F085 DOMINO TILE VERTICAL-04-06

**Fives**

1F086 DOMINO TILE VERTICAL-05-00  
 1F087 DOMINO TILE VERTICAL-05-01  
 1F088 DOMINO TILE VERTICAL-05-02  
 1F089 DOMINO TILE VERTICAL-05-03  
 1F08A DOMINO TILE VERTICAL-05-04  
 1F08B DOMINO TILE VERTICAL-05-05  
 1F08C DOMINO TILE VERTICAL-05-06

**Sixes**

1F08D DOMINO TILE VERTICAL-06-00  
 1F08E DOMINO TILE VERTICAL-06-01  
 1F08F DOMINO TILE VERTICAL-06-02  
 1F090 DOMINO TILE VERTICAL-06-03  
 1F091 DOMINO TILE VERTICAL-06-04  
 1F092 DOMINO TILE VERTICAL-06-05  
 1F093 DOMINO TILE VERTICAL-06-06

1F0A0

## Playing Cards

1F0FF

	1F0A	1F0B	1F0C	1F0D	1F0E	1F0F
0						
1						
2						
3						
4						
5						
6						
7						
8						
9						
A						
B						
C						
D						
E						
F						

*These characters are used to represent the 52-card and 56-card variants of modern playing cards, as well as the 56-card Minor Arcana of the Western Tarot. The glyphs shown in the charts have only a symbolic and schematic equivalence to particular varieties of actual playing cards.*

**Back of card**

1F0A0 PLAYING CARD BACK

**Spades or swords**

1F0A1 PLAYING CARD ACE OF SPADES

1F0A2 PLAYING CARD TWO OF SPADES

1F0A3 PLAYING CARD THREE OF SPADES

1F0A4 PLAYING CARD FOUR OF SPADES

1F0A5 PLAYING CARD FIVE OF SPADES

1F0A6 PLAYING CARD SIX OF SPADES

1F0A7 PLAYING CARD SEVEN OF SPADES

1F0A8 PLAYING CARD EIGHT OF SPADES

1F0A9 PLAYING CARD NINE OF SPADES

1F0AA PLAYING CARD TEN OF SPADES

1F0AB PLAYING CARD JACK OF SPADES

= valet, Bube, Unter, Page, fante

= page of swords

1F0AC PLAYING CARD KNIGHT OF SPADES

= chevalier, Ober, Ritter, cavall, cavaliere

= knight of swords

1F0AD PLAYING CARD QUEEN OF SPADES

= dame, Dame, Königin, regina

= queen of swords

1F0AE PLAYING CARD KING OF SPADES

= roi, König, re

= king of swords

**Hearts or cups**

1F0B1 PLAYING CARD ACE OF HEARTS

1F0B2 PLAYING CARD TWO OF HEARTS

1F0B3 PLAYING CARD THREE OF HEARTS

1F0B4 PLAYING CARD FOUR OF HEARTS

1F0B5 PLAYING CARD FIVE OF HEARTS

1F0B6 PLAYING CARD SIX OF HEARTS

1F0B7 PLAYING CARD SEVEN OF HEARTS

1F0B8 PLAYING CARD EIGHT OF HEARTS

1F0B9 PLAYING CARD NINE OF HEARTS

1F0BA PLAYING CARD TEN OF HEARTS

1F0BB PLAYING CARD JACK OF HEARTS

1F0BC PLAYING CARD KNIGHT OF HEARTS

1F0BD PLAYING CARD QUEEN OF HEARTS

1F0BE PLAYING CARD KING OF HEARTS

**Joker**

1F0BF PLAYING CARD RED JOKER

• used as the third joker

**Diamonds or pentacles**

1F0C1 PLAYING CARD ACE OF DIAMONDS

1F0C2 PLAYING CARD TWO OF DIAMONDS

1F0C3 PLAYING CARD THREE OF DIAMONDS

1F0C4 PLAYING CARD FOUR OF DIAMONDS

1F0C5 PLAYING CARD FIVE OF DIAMONDS

1F0C6 PLAYING CARD SIX OF DIAMONDS

1F0C7 PLAYING CARD SEVEN OF DIAMONDS

1F0C8 PLAYING CARD EIGHT OF DIAMONDS

1F0C9 PLAYING CARD NINE OF DIAMONDS

1F0CA PLAYING CARD TEN OF DIAMONDS

1F0CB PLAYING CARD JACK OF DIAMONDS

1F0CC PLAYING CARD KNIGHT OF DIAMONDS

1F0CD PLAYING CARD QUEEN OF DIAMONDS

1F0CE PLAYING CARD KING OF DIAMONDS

**Joker**

1F0CF PLAYING CARD BLACK JOKER

**Clubs or wands**

1F0D1 PLAYING CARD ACE OF CLUBS

1F0D2 PLAYING CARD TWO OF CLUBS

1F0D3 PLAYING CARD THREE OF CLUBS

1F0D4 PLAYING CARD FOUR OF CLUBS

1F0D5 PLAYING CARD FIVE OF CLUBS

1F0D6 PLAYING CARD SIX OF CLUBS

1F0D7 PLAYING CARD SEVEN OF CLUBS

1F0D8 PLAYING CARD EIGHT OF CLUBS

1F0D9 PLAYING CARD NINE OF CLUBS

1F0DA PLAYING CARD TEN OF CLUBS

1F0DB PLAYING CARD JACK OF CLUBS

1F0DC PLAYING CARD KNIGHT OF CLUBS

1F0DD PLAYING CARD QUEEN OF CLUBS

1F0DE PLAYING CARD KING OF CLUBS

**Joker**

1F0DF PLAYING CARD WHITE JOKER

• may also be red

**Trumps**

1F0E0 PLAYING CARD FOOL

1F0E1 PLAYING CARD TRUMP-1

• individual

1F0E2 PLAYING CARD TRUMP-2

• childhood

1F0E3 PLAYING CARD TRUMP-3

• youth

1F0E4 PLAYING CARD TRUMP-4

• maturity

1F0E5 PLAYING CARD TRUMP-5

• old age

1F0E6 PLAYING CARD TRUMP-6

• morning

1F0E7 PLAYING CARD TRUMP-7

• afternoon

1F0E8 PLAYING CARD TRUMP-8

• evening

1F0E9 PLAYING CARD TRUMP-9

• night

1F0EA PLAYING CARD TRUMP-10

• earth and air

1F0EB PLAYING CARD TRUMP-11

• water and fire

1F0EC PLAYING CARD TRUMP-12

• dance

1F0ED PLAYING CARD TRUMP-13

• shopping

1F0EE PLAYING CARD TRUMP-14

• open air

1F0EF PLAYING CARD TRUMP-15

• visual arts

1F0F0 PLAYING CARD TRUMP-16

• spring

1F0F1 PLAYING CARD TRUMP-17

• summer

1F0F2

## Playing Cards

1F0F5

1F0F2  PLAYING CARD TRUMP-18

- autumn

1F0F3  PLAYING CARD TRUMP-19

- winter

1F0F4  PLAYING CARD TRUMP-20

- the game

1F0F5  PLAYING CARD TRUMP-21

- collective

1F10 1F11 1F12 1F13 1F14 1F15 1F16 1F17 1F18 1F19 1F1A 1F1B 1F1C 1F1D 1F1E 1F1F																
0	0.	(A)	(Q)	A	Q	A	Q	A	Q	DJ						K
	1F100	1F110	1F120	1F130	1F140	1F150	1F160	1F170	1F180	1F190						1F1F0
1	0,	(B)	(R)	B	R	B	R	B	R	CL						L
	1F101	1F111	1F121	1F131	1F141	1F151	1F161	1F171	1F181	1F191						1F1F1
2	1,	(C)	(S)	C	S	C	S	C	S	COOL						M
	1F102	1F112	1F122	1F132	1F142	1F152	1F162	1F172	1F182	1F192						1F1F2
3	2,	(D)	(T)	D	T	D	T	D	T	FREE						N
	1F103	1F113	1F123	1F133	1F143	1F153	1F163	1F173	1F183	1F193						1F1F3
4	3,	(E)	(U)	E	U	E	U	E	U	ID						O
	1F104	1F114	1F124	1F134	1F144	1F154	1F164	1F174	1F184	1F194						1F1F4
5	4,	(F)	(V)	F	V	F	V	F	V	NEW						P
	1F105	1F115	1F125	1F135	1F145	1F155	1F165	1F175	1F185	1F195						1F1F5
6	5,	(G)	(W)	G	W	G	W	G	W	NG						A Q
	1F106	1F116	1F126	1F136	1F146	1F156	1F166	1F176	1F186	1F196						1F1E6 1F1F6
7	6,	(H)	(X)	H	X	H	X	H	X	OK						B R
	1F107	1F117	1F127	1F137	1F147	1F157	1F167	1F177	1F187	1F197						1F1E7 1F1F7
8	7,	(I)	(Y)	I	Y	I	Y	I	Y	SOS						C S
	1F108	1F118	1F128	1F138	1F148	1F158	1F168	1F178	1F188	1F198						1F1E8 1F1F8
9	8,	(J)	(Z)	J	Z	J	Z	J	Z	UPI						D T
	1F109	1F119	1F129	1F139	1F149	1F159	1F169	1F179	1F189	1F199						1F1E9 1F1F9
A	9,	(K)	[S]	K	HV	K	MC	K	R	VS						E U
	1F10A	1F11A	1F12A	1F13A	1F14A	1F15A	1F16A	1F17A	1F18A	1F19A						1F1EA 1F1FA
B	○	(L)	○	L	MV	L	MD	L	IC							F V
	1F10B	1F11B	1F12B	1F13B	1F14B	1F15B	1F16B	1F17B	1F18B							1F1EB 1F1FB
C	○	(M)	○	M	SD	M		M	PA							G W
	1F10C	1F11C	1F12C	1F13C	1F14C	1F15C		1F17C	1F18C							1F1EC 1F1FC
D	(N)	○	CD	N	SS	N		N	SA							H X
	1F11D	1F12D	1F13D	1F14D	1F15D			1F17D	1F18D							1F1ED 1F1FD
E	(O)	○	Wz	O	PPV	O		O	AB							I Y
	1F11E	1F12E	1F13E	1F14E	1F15E			1F17E	1F18E							1F1EE 1F1FE
F	(P)			P	WC	P		P	WC							J Z
	1F11F			1F13F	1F14F	1F15F		1F17F	1F18F							1F1EF 1F1FF

**Number with full stop**

*This symbol completes the set of numbers with full stop starting at 2488.*

1F100 **0**. DIGIT ZERO FULL STOP  
 $\approx 0030\ 0\ 002E$ .

**Numbers with comma**

1F101 **0**, DIGIT ZERO COMMA  
 $\approx 0030\ 0\ 002C$ ,  
 1F102 **1**, DIGIT ONE COMMA  
 $\approx 0031\ 1\ 002C$ ,  
 1F103 **2**, DIGIT TWO COMMA  
 $\approx 0032\ 2\ 002C$ ,  
 1F104 **3**, DIGIT THREE COMMA  
 $\approx 0033\ 3\ 002C$ ,  
 1F105 **4**, DIGIT FOUR COMMA  
 $\approx 0034\ 4\ 002C$ ,  
 1F106 **5**, DIGIT FIVE COMMA  
 $\approx 0035\ 5\ 002C$ ,  
 1F107 **6**, DIGIT SIX COMMA  
 $\approx 0036\ 6\ 002C$ ,  
 1F108 **7**, DIGIT SEVEN COMMA  
 $\approx 0037\ 7\ 002C$ ,  
 1F109 **8**, DIGIT EIGHT COMMA  
 $\approx 0038\ 8\ 002C$ ,  
 1F10A **9**, DIGIT NINE COMMA  
 $\approx 0039\ 9\ 002C$ ,

**Circled sans-serif digits**

*These digits complement the sans-serif digit sets in the Dingbat block ranges 2780-2789 and 278A-2793.*

1F10B **①** DINGBAT CIRCLED SANS-SERIF DIGIT ZERO  
 1F10C **②** DINGBAT NEGATIVE CIRCLED SANS-SERIF DIGIT ZERO

**Parenthesized Latin letters**

*This set provides uppercase versions of the set starting at 249C.*

1F110 **(A)** PARENTHESIZED LATIN CAPITAL LETTER A  
 $\approx 0028\ ( 0041\ A\ 0029 )$   
 1F111 **(B)** PARENTHESIZED LATIN CAPITAL LETTER B  
 $\approx 0028\ ( 0042\ B\ 0029 )$   
 1F112 **(C)** PARENTHESIZED LATIN CAPITAL LETTER C  
 $\approx 0028\ ( 0043\ C\ 0029 )$   
 1F113 **(D)** PARENTHESIZED LATIN CAPITAL LETTER D  
 $\approx 0028\ ( 0044\ D\ 0029 )$   
 1F114 **(E)** PARENTHESIZED LATIN CAPITAL LETTER E  
 $\approx 0028\ ( 0045\ E\ 0029 )$   
 1F115 **(F)** PARENTHESIZED LATIN CAPITAL LETTER F  
 $\approx 0028\ ( 0046\ F\ 0029 )$   
 1F116 **(G)** PARENTHESIZED LATIN CAPITAL LETTER G  
 $\approx 0028\ ( 0047\ G\ 0029 )$   
 1F117 **(H)** PARENTHESIZED LATIN CAPITAL LETTER H  
 $\approx 0028\ ( 0048\ H\ 0029 )$   
 1F118 **(I)** PARENTHESIZED LATIN CAPITAL LETTER I  
 $\approx 0028\ ( 0049\ I\ 0029 )$   
 1F119 **(J)** PARENTHESIZED LATIN CAPITAL LETTER J  
 $\approx 0028\ ( 004A\ J\ 0029 )$   
 1F11A **(K)** PARENTHESIZED LATIN CAPITAL LETTER K  
 $\approx 0028\ ( 004B\ K\ 0029 )$   
 1F11B **(L)** PARENTHESIZED LATIN CAPITAL LETTER L  
 $\approx 0028\ ( 004C\ L\ 0029 )$

**1F11C (M) PARENTHESIZED LATIN CAPITAL LETTER M**

$\approx 0028\ ( 004D\ M\ 0029 )$

**1F11D (N) PARENTHESIZED LATIN CAPITAL LETTER N**

$\approx 0028\ ( 004E\ N\ 0029 )$

**1F11E (O) PARENTHESIZED LATIN CAPITAL LETTER O**

$\approx 0028\ ( 004F\ O\ 0029 )$

**1F11F (P) PARENTHESIZED LATIN CAPITAL LETTER P**

$\approx 0028\ ( 0050\ P\ 0029 )$

**1F120 (Q) PARENTHESIZED LATIN CAPITAL LETTER Q**

$\approx 0028\ ( 0051\ Q\ 0029 )$

**1F121 (R) PARENTHESIZED LATIN CAPITAL LETTER R**

$\approx 0028\ ( 0052\ R\ 0029 )$

**1F122 (S) PARENTHESIZED LATIN CAPITAL LETTER S**

$\approx 0028\ ( 0053\ S\ 0029 )$

**1F123 (T) PARENTHESIZED LATIN CAPITAL LETTER T**

$\approx 0028\ ( 0054\ T\ 0029 )$

**1F124 (U) PARENTHESIZED LATIN CAPITAL LETTER U**

$\approx 0028\ ( 0055\ U\ 0029 )$

**1F125 (V) PARENTHESIZED LATIN CAPITAL LETTER V**

$\approx 0028\ ( 0056\ V\ 0029 )$

**1F126 (W) PARENTHESIZED LATIN CAPITAL LETTER W**

$\approx 0028\ ( 0057\ W\ 0029 )$

**1F127 (X) PARENTHESIZED LATIN CAPITAL LETTER X**

$\approx 0028\ ( 0058\ X\ 0029 )$

**1F128 (Y) PARENTHESIZED LATIN CAPITAL LETTER Y**

$\approx 0028\ ( 0059\ Y\ 0029 )$

**1F129 (Z) PARENTHESIZED LATIN CAPITAL LETTER Z**

$\approx 0028\ ( 005A\ Z\ 0029 )$

**Latin letter with tortoise shell brackets**

1F12A **[S] TORTOISE SHELL BRACKETED LATIN CAPITAL LETTER S**

• used in baseball scoring

$\approx 3014\ ( 0053\ S\ 3015 )$

**Circled italic Latin letters**

1F12B **© CIRCLED ITALIC LATIN CAPITAL LETTER C**  
 = compact disc, single disc record

$\approx <\text{circle}> 0043\ C$

1F12C **® CIRCLED ITALIC LATIN CAPITAL LETTER R**  
 = disc record  
 $\approx <\text{circle}> 0052\ R$

**Circled Latin letter sequences**

1F12D **㉚ CIRCLED CD**  
 $\rightarrow 33C5\ cd$  square cd  
 $\approx <\text{circle}> 0043\ C\ 0044\ D$

1F12E **㉛ CIRCLED WZ**  
 • from the German term "Warenzeichen"  
 • indicate a trademarked term without making a legal claim of trademark status  
 • decomposition is anomalous, as the usual glyph shows a capital W and a small z  
 $\rightarrow 2122\ \text{TM}$  trade mark sign  
 $\approx <\text{circle}> 0057\ W\ 005A\ Z$

**Squared Latin letters**

1F130 **Ⓐ SQUARED LATIN CAPITAL LETTER A**  
 = Anreisetag (day of arrival)  
 $\approx <\text{square}> 0041\ A$

1F131 **Ⓑ SQUARED LATIN CAPITAL LETTER B**  
 = bank  
 = b-mode stereo compression broadcasting service (ARIB STD B24)  
 $\approx <\text{square}> 0042\ B$

1F132	<b>C</b>	SQUARED LATIN CAPITAL LETTER C ≈ <square> 0043 C
1F133	<b>D</b>	SQUARED LATIN CAPITAL LETTER D ≈ <square> 0044 D
1F134	<b>E</b>	SQUARED LATIN CAPITAL LETTER E ≈ <square> 0045 E
1F135	<b>F</b>	SQUARED LATIN CAPITAL LETTER F ≈ <square> 0046 F
1F136	<b>G</b>	SQUARED LATIN CAPITAL LETTER G ≈ <square> 0047 G
1F137	<b>H</b>	SQUARED LATIN CAPITAL LETTER H ≈ <square> 0048 H
1F138	<b>I</b>	SQUARED LATIN CAPITAL LETTER I ≈ <square> 0049 I
1F139	<b>J</b>	SQUARED LATIN CAPITAL LETTER J ≈ <square> 004A J
1F13A	<b>K</b>	SQUARED LATIN CAPITAL LETTER K ≈ <square> 004B K
1F13B	<b>L</b>	SQUARED LATIN CAPITAL LETTER L ≈ <square> 004C L
1F13C	<b>M</b>	SQUARED LATIN CAPITAL LETTER M ≈ <square> 004D M
1F13D	<b>N</b>	SQUARED LATIN CAPITAL LETTER N = news (ARIB STD B24) ≈ <square> 004E N
1F13E	<b>O</b>	SQUARED LATIN CAPITAL LETTER O ≈ <square> 004F O
1F13F	<b>P</b>	SQUARED LATIN CAPITAL LETTER P = progressive broadcasting (ARIB STD B24) ≈ <square> 0050 P
1F140	<b>Q</b>	SQUARED LATIN CAPITAL LETTER Q ≈ <square> 0051 Q
1F141	<b>R</b>	SQUARED LATIN CAPITAL LETTER R ≈ <square> 0052 R
1F142	<b>S</b>	SQUARED LATIN CAPITAL LETTER S = stereo broadcasting service (ARIB STD B24) ≈ <square> 0053 S
1F143	<b>T</b>	SQUARED LATIN CAPITAL LETTER T = tobacconist ≈ <square> 0054 T
1F144	<b>U</b>	SQUARED LATIN CAPITAL LETTER U ≈ <square> 0055 U
1F145	<b>V</b>	SQUARED LATIN CAPITAL LETTER V ≈ <square> 0056 V
1F146	<b>W</b>	SQUARED LATIN CAPITAL LETTER W = wide-format 16:9 broadcasting service (ARIB STD B24) ≈ <square> 0057 W
1F147	<b>X</b>	SQUARED LATIN CAPITAL LETTER X ≈ <square> 0058 X
1F148	<b>Y</b>	SQUARED LATIN CAPITAL LETTER Y ≈ <square> 0059 Y
1F149	<b>Z</b>	SQUARED LATIN CAPITAL LETTER Z ≈ <square> 005A Z
1F14A	<b>HV</b>	SQUARED HV = hdtv ≈ <square> 0048 H 0056 V
1F14B	<b>MV</b>	SQUARED MV = multi-view television ≈ <square> 004D M 0056 V
1F14C	<b>SD</b>	SQUARED SD = sdvtv ≈ <square> 0053 S 0044 D

1F14D	<b>SS</b>	SQUARED SS = surround stereo broadcasting service ≈ <square> 0053 S 0053 S
1F14E	<b>PPV</b>	SQUARED PPV = pay-per-view ≈ <square> 0050 P 0050 P 0056 V
1F14F	<b>WC</b>	SQUARED WC = water closet, public toilet ≈ <square> 0057 W 0043 C

**White on black circled Latin letters**

1F150	<b>A</b>	NEGATIVE CIRCLED LATIN CAPITAL LETTER A = airport
1F151	<b>B</b>	NEGATIVE CIRCLED LATIN CAPITAL LETTER B
1F152	<b>C</b>	NEGATIVE CIRCLED LATIN CAPITAL LETTER C
1F153	<b>D</b>	NEGATIVE CIRCLED LATIN CAPITAL LETTER D
1F154	<b>E</b>	NEGATIVE CIRCLED LATIN CAPITAL LETTER E
1F155	<b>F</b>	NEGATIVE CIRCLED LATIN CAPITAL LETTER F = ferry
1F156	<b>G</b>	NEGATIVE CIRCLED LATIN CAPITAL LETTER G
1F157	<b>H</b>	NEGATIVE CIRCLED LATIN CAPITAL LETTER H = hotel (ARIB STD B24)
1F158	<b>I</b>	NEGATIVE CIRCLED LATIN CAPITAL LETTER I
1F159	<b>J</b>	NEGATIVE CIRCLED LATIN CAPITAL LETTER J
1F15A	<b>K</b>	NEGATIVE CIRCLED LATIN CAPITAL LETTER K = Kurort (spa) → 2668  hot springs
1F15B	<b>L</b>	NEGATIVE CIRCLED LATIN CAPITAL LETTER L = light rail → 1F688  light rail
1F15C	<b>M</b>	NEGATIVE CIRCLED LATIN CAPITAL LETTER M = metro → 1F687  metro
1F15D	<b>N</b>	NEGATIVE CIRCLED LATIN CAPITAL LETTER N
1F15E	<b>O</b>	NEGATIVE CIRCLED LATIN CAPITAL LETTER O
1F15F	<b>P</b>	NEGATIVE CIRCLED LATIN CAPITAL LETTER P = parking space (ARIB STD B24)
1F160	<b>Q</b>	NEGATIVE CIRCLED LATIN CAPITAL LETTER Q
1F161	<b>R</b>	NEGATIVE CIRCLED LATIN CAPITAL LETTER R = Raststätte (rest stop)
1F162	<b>S</b>	NEGATIVE CIRCLED LATIN CAPITAL LETTER S = Stadtbahn (metropolitan railway)
1F163	<b>T</b>	NEGATIVE CIRCLED LATIN CAPITAL LETTER T = Tankstelle (petrol station) → 26FD  fuel pump
1F164	<b>U</b>	NEGATIVE CIRCLED LATIN CAPITAL LETTER U = underground rail → 1F687  metro
1F165	<b>V</b>	NEGATIVE CIRCLED LATIN CAPITAL LETTER V
1F166	<b>W</b>	NEGATIVE CIRCLED LATIN CAPITAL LETTER W
1F167	<b>X</b>	NEGATIVE CIRCLED LATIN CAPITAL LETTER X
1F168	<b>Y</b>	NEGATIVE CIRCLED LATIN CAPITAL LETTER Y
1F169	<b>Z</b>	NEGATIVE CIRCLED LATIN CAPITAL LETTER Z

**Raised squared Latin sequences**

1F16A	<sup>MC</sup>	RAISED MC SIGN = marque de commerce • used in Canada → 2122 <sup>TM</sup> trade mark sign ≈ <super> 004D M 0043 C
1F16B	<sup>MD</sup>	RAISED MD SIGN = marque déposée • used in Canada → 00AE <sup>®</sup> registered sign ≈ <super> 004D M 0044 D

1F170

## Enclosed Alphanumeric Supplement

1F1FF

**White on black squared Latin letters***The square edges may be slightly rounded.*

- 1F170 **A** NEGATIVE SQUARED LATIN CAPITAL LETTER A  
= blood type A
- 1F171 **B** NEGATIVE SQUARED LATIN CAPITAL LETTER B  
= blood type B
- 1F172 **C** NEGATIVE SQUARED LATIN CAPITAL LETTER C  
= centre, city centre
- 1F173 **D** NEGATIVE SQUARED LATIN CAPITAL LETTER D
- 1F174 **E** NEGATIVE SQUARED LATIN CAPITAL LETTER E
- 1F175 **F** NEGATIVE SQUARED LATIN CAPITAL LETTER F  
= Feuerwache (fire department)
- 1F176 **G** NEGATIVE SQUARED LATIN CAPITAL LETTER G
- 1F177 **H** NEGATIVE SQUARED LATIN CAPITAL LETTER H  
= Haltestelle (bus stop)  
→ 1F68F ❶ bus stop
- 1F178 **I** NEGATIVE SQUARED LATIN CAPITAL LETTER I
- 1F179 **J** NEGATIVE SQUARED LATIN CAPITAL LETTER J  
= junction (ARIB STD B24)
- 1F17A **K** NEGATIVE SQUARED LATIN CAPITAL LETTER K
- 1F17B **L** NEGATIVE SQUARED LATIN CAPITAL LETTER L  
= leisure center (ARIB STD B24)
- 1F17C **M** NEGATIVE SQUARED LATIN CAPITAL LETTER M  
= museum, cultural center (ARIB STD B24)
- 1F17D **N** NEGATIVE SQUARED LATIN CAPITAL LETTER N
- 1F17E **O** NEGATIVE SQUARED LATIN CAPITAL LETTER O  
= blood type O
- 1F17F **P** NEGATIVE SQUARED LATIN CAPITAL LETTER P  
= parking space empty-full (ARIB STD B24)  
~ 1F17F FE0E text style  
~ 1F17F FEOF emoji style
- 1F180 **Q** NEGATIVE SQUARED LATIN CAPITAL LETTER Q
- 1F181 **R** NEGATIVE SQUARED LATIN CAPITAL LETTER R
- 1F182 **S** NEGATIVE SQUARED LATIN CAPITAL LETTER S
- 1F183 **T** NEGATIVE SQUARED LATIN CAPITAL LETTER T
- 1F184 **U** NEGATIVE SQUARED LATIN CAPITAL LETTER U
- 1F185 **V** NEGATIVE SQUARED LATIN CAPITAL LETTER V
- 1F186 **W** NEGATIVE SQUARED LATIN CAPITAL LETTER W
- 1F187 **X** NEGATIVE SQUARED LATIN CAPITAL LETTER X
- 1F188 **Y** NEGATIVE SQUARED LATIN CAPITAL LETTER Y
- 1F189 **Z** NEGATIVE SQUARED LATIN CAPITAL LETTER Z
- 1F18A **☒** CROSSED NEGATIVE SQUARED LATIN CAPITAL LETTER P  
= parking space closed
- 1F18B  **ⓘ** NEGATIVE SQUARED IC  
= interchange, ramp
- 1F18C  **ⓘ** NEGATIVE SQUARED PA  
= parking area
- 1F18D  **ⓘ** NEGATIVE SQUARED SA  
= service area
- 1F18E  **ⓘ** NEGATIVE SQUARED AB  
= blood type AB
- 1F18F  **ⓘ** NEGATIVE SQUARED WC  
= water closet, public toilet

**Squared Latin letter sequences**

- 1F190 **DJ** SQUARE DJ  
= disc jockey  
≈ <square> 0044 D 004A J
- 1F191 **CL** SQUARED CL  
= clear
- 1F192 **cool** SQUARED COOL
- 1F193 **free** SQUARED FREE  
= free postage

**1F194 ID SQUARED ID**

= identification, ID

**1F195 NEW SQUARED NEW****1F196 NG SQUARED NG**

= no good

**1F197 OK SQUARED OK****1F198 SOS SQUARED SOS**

= search, hunt for missing person

**1F199 UP SQUARED UP WITH EXCLAMATION MARK**

= new information, update

**1F19A VS SQUARED VS**

= versus

**Regional indicator symbols**

*These characters can be used in pairs to represent regional codes. In some emoji implementations, certain pairs may be recognized and displayed by alternate means; for instance, an implementation might recognize F + R and display this combination with a symbol representing the flag of France.*

**1F1E6 A REGIONAL INDICATOR SYMBOL LETTER A****1F1E7 B REGIONAL INDICATOR SYMBOL LETTER B****1F1E8 C REGIONAL INDICATOR SYMBOL LETTER C****1F1E9 D REGIONAL INDICATOR SYMBOL LETTER D****1F1EA E REGIONAL INDICATOR SYMBOL LETTER E****1F1EB F REGIONAL INDICATOR SYMBOL LETTER F****1F1EC G REGIONAL INDICATOR SYMBOL LETTER G****1F1ED H REGIONAL INDICATOR SYMBOL LETTER H****1F1EE I REGIONAL INDICATOR SYMBOL LETTER I****1F1EF J REGIONAL INDICATOR SYMBOL LETTER J****1F1F0 K REGIONAL INDICATOR SYMBOL LETTER K****1F1F1 L REGIONAL INDICATOR SYMBOL LETTER L****1F1F2 M REGIONAL INDICATOR SYMBOL LETTER M****1F1F3 N REGIONAL INDICATOR SYMBOL LETTER N****1F1F4 O REGIONAL INDICATOR SYMBOL LETTER O****1F1F5 P REGIONAL INDICATOR SYMBOL LETTER P****1F1F6 Q REGIONAL INDICATOR SYMBOL LETTER Q****1F1F7 R REGIONAL INDICATOR SYMBOL LETTER R****1F1F8 S REGIONAL INDICATOR SYMBOL LETTER S****1F1F9 T REGIONAL INDICATOR SYMBOL LETTER T****1F1FA U REGIONAL INDICATOR SYMBOL LETTER U****1F1FB V REGIONAL INDICATOR SYMBOL LETTER V****1F1FC W REGIONAL INDICATOR SYMBOL LETTER W****1F1FD X REGIONAL INDICATOR SYMBOL LETTER X****1F1FE Y REGIONAL INDICATOR SYMBOL LETTER Y****1F1FF Z REGIONAL INDICATOR SYMBOL LETTER Z**

	1F20	1F21	1F22	1F23	1F24	1F25	1F26	1F27	1F28	1F29	1F2A	1F2B	1F2C	1F2D	1F2E	1F2F
0	ほか	手	初	走	本	(得)										
1	ココ	字	終	打	(三)	(可)										
2	サ	双	生	禁	(二)											
3		販	空	安												
4	二	声	合	(点)												
5	多	吹	滿	打												
6	解	演	有	盜												
7	天	投	月	勝												
8	交	捕	申	(敗)												
9	映	一	割													
A	無	三	宮													
B	料	遊														
C	前	左														
D	後	中														
E	再	右														
F	新	指														
	1F200	1F210	1F220	1F230	1F240	1F250										
	1F201	1F211	1F221	1F231	1F241	1F251										
	1F202	1F212	1F222	1F232	1F242											
	1F213	1F223	1F233	1F243												
	1F214	1F224	1F234	1F244												
	1F215	1F225	1F235	1F245												
	1F216	1F226	1F236	1F246												
	1F217	1F227	1F237	1F247												
	1F218	1F228	1F238	1F248												
	1F219	1F229	1F239													
	1F21A	1F22A	1F23A													
	1F21B	1F22B														
	1F21C	1F22C														
	1F21D	1F22D														
	1F21E	1F22E														
	1F21F	1F22F														

**Squared hiragana from ARIB STD B24**

1F200 ほか SQUARE HIRAGANA HOKA  
= and others  
≈ <square> 307B ほ 304B か

**Squared katakana**

1F201 こく SQUARED KATAKANA KOKO  
= here sign  
≈ <square> 30B3 こ 30B3 く  
1F202 サ SQUARED KATAKANA SA  
= service sign  
→ 32DA  circled katakana sa  
≈ <square> 30B5 サ

**Squared ideographs and kana from ARIB STD B24**

1F210 ブラ SQUARED CJK UNIFIED IDEOGRAPH-624B  
= broadcasting service with sign language interpretation  
≈ <square> 624B 手  
1F211 ブロ SQUARED CJK UNIFIED IDEOGRAPH-5B57  
= close-captioned broadcasting  
≈ <square> 5B57 字  
1F212 ブリ SQUARED CJK UNIFIED IDEOGRAPH-53CC  
= two-way broadcasting service  
≈ <square> 53CC 双  
1F213 ブラ SQUARED KATAKANA DE  
= data broadcasting service linked with a main program  
≈ <square> 30C7 デ  
1F214 ブリ SQUARED CJK UNIFIED IDEOGRAPH-4E8C  
= bilingual broadcasting service  
= second base  
≈ <square> 4E8C 二  
1F215 ブラ SQUARED CJK UNIFIED IDEOGRAPH-591A  
= sound-multiplex broadcasting service  
≈ <square> 591A 多  
1F216 ブロ SQUARED CJK UNIFIED IDEOGRAPH-89E3  
= commentary broadcasting  
≈ <square> 89E3 解  
1F217 ブラ SQUARED CJK UNIFIED IDEOGRAPH-5929  
= weather forecast  
≈ <square> 5929 天  
1F218 ブリ SQUARED CJK UNIFIED IDEOGRAPH-4EA4  
= traffic information  
≈ <square> 4EA4 交  
1F219 ブロ SQUARED CJK UNIFIED IDEOGRAPH-6620  
= drama film  
≈ <square> 6620 映  
1F21A ブラ SQUARED CJK UNIFIED IDEOGRAPH-7121  
= free broadcasting service  
= non-existence sign  
~ 1F21A FE0E text style  
~ 1F21A FE0F emoji style  
≈ <square> 7121 無  
1F21B ブリ SQUARED CJK UNIFIED IDEOGRAPH-6599  
= pay broadcasting service  
≈ <square> 6599 料  
1F21C ブラ SQUARED CJK UNIFIED IDEOGRAPH-524D  
= the first part  
≈ <square> 524D 前  
1F21D ブロ SQUARED CJK UNIFIED IDEOGRAPH-5F8C  
= the latter part  
≈ <square> 5F8C 後

1F21E  SQUARED CJK UNIFIED IDEOGRAPH-518D

= rebroadcast  
≈ <square> 518D 再

1F21F  SQUARED CJK UNIFIED IDEOGRAPH-65B0  
= new series of programs  
≈ <square> 65B0 新

1F220  SQUARED CJK UNIFIED IDEOGRAPH-521D  
= first released program  
≈ <square> 521D 初

1F221  SQUARED CJK UNIFIED IDEOGRAPH-7D42  
= the last episode  
≈ <square> 7D42 終

1F222  SQUARED CJK UNIFIED IDEOGRAPH-751F  
= live broadcast  
≈ <square> 751F 生

1F223  SQUARED CJK UNIFIED IDEOGRAPH-8CA9  
= mail-order  
≈ <square> 8CA9 販

1F224  SQUARED CJK UNIFIED IDEOGRAPH-58F0  
= voice actors  
≈ <square> 58F0 声

1F225  SQUARED CJK UNIFIED IDEOGRAPH-5439  
= dubbed version  
≈ <square> 5439 吹

1F226  SQUARED CJK UNIFIED IDEOGRAPH-6F14  
= performed by  
≈ <square> 6F14 演

1F227  SQUARED CJK UNIFIED IDEOGRAPH-6295  
= pitcher  
≈ <square> 6295 投

1F228  SQUARED CJK UNIFIED IDEOGRAPH-6355  
= catcher  
≈ <square> 6355 捕

1F229  SQUARED CJK UNIFIED IDEOGRAPH-4E00  
= first base  
≈ <square> 4E00 一

1F22A  SQUARED CJK UNIFIED IDEOGRAPH-4E09  
= third base  
≈ <square> 4E09 三

1F22B  SQUARED CJK UNIFIED IDEOGRAPH-904A  
= short stop  
≈ <square> 904A 遊

1F22C  SQUARED CJK UNIFIED IDEOGRAPH-5DE6  
= left field  
≈ <square> 5DE6 左

1F22D  SQUARED CJK UNIFIED IDEOGRAPH-4E2D  
= center field  
≈ <square> 4E2D 中

1F22E  SQUARED CJK UNIFIED IDEOGRAPH-53F3  
= right field  
≈ <square> 53F3 右

1F22F  SQUARED CJK UNIFIED IDEOGRAPH-6307  
= designated hitter  
= reserved sign  
~ 1F22F FE0E text style  
~ 1F22F FE0F emoji style  
≈ <square> 6307 指

1F230  SQUARED CJK UNIFIED IDEOGRAPH-8D70  
= runner  
≈ <square> 8D70 走

1F231  SQUARED CJK UNIFIED IDEOGRAPH-6253  
= batter  
≈ <square> 6253 打

**Squared ideographs**

- 1F232 禁 SQUARED CJK UNIFIED IDEOGRAPH-7981  
= prohibited sign  
≈ <square> 7981 禁
- 1F233 空 SQUARED CJK UNIFIED IDEOGRAPH-7A7A  
= empty sign  
≈ <square> 7A7A 空
- 1F234 合 SQUARED CJK UNIFIED IDEOGRAPH-5408  
= passed sign  
≈ <square> 5408 合
- 1F235 满 SQUARED CJK UNIFIED IDEOGRAPH-6E80  
= full sign  
≈ <square> 6E80 满
- 1F236 有 SQUARED CJK UNIFIED IDEOGRAPH-6709  
= existence sign  
→ 3292 有 circled ideograph have  
≈ <square> 6709 有
- 1F237 月 SQUARED CJK UNIFIED IDEOGRAPH-6708  
= monthly sign  
→ 328A 月 circled ideograph moon  
≈ <square> 6708 月
- 1F238 申 SQUARED CJK UNIFIED IDEOGRAPH-7533  
= application sign  
≈ <square> 7533 申
- 1F239 割 SQUARED CJK UNIFIED IDEOGRAPH-5272  
= discount sign  
≈ <square> 5272 割
- 1F23A 用 SQUARED CJK UNIFIED IDEOGRAPH-55B6  
= in business sign  
≈ <square> 55B6 用

**Ideographs with tortoise shell brackets from ARIB STD B24**

- 1F240 本 TORTOISE SHELL BRACKETED CJK UNIFIED IDEOGRAPH-672C  
= home run  
≈ 3014 ( 672C 本 3015 )
- 1F241 三 TORTOISE SHELL BRACKETED CJK UNIFIED IDEOGRAPH-4E09  
= triple  
≈ 3014 ( 4E09 三 3015 )
- 1F242 二 TORTOISE SHELL BRACKETED CJK UNIFIED IDEOGRAPH-4E8C  
= double  
≈ 3014 ( 4E8C 二 3015 )
- 1F243 安 TORTOISE SHELL BRACKETED CJK UNIFIED IDEOGRAPH-5B89  
= safe  
≈ 3014 ( 5B89 安 3015 )
- 1F244 点 TORTOISE SHELL BRACKETED CJK UNIFIED IDEOGRAPH-70B9  
= run  
≈ 3014 ( 70B9 点 3015 )
- 1F245 打 TORTOISE SHELL BRACKETED CJK UNIFIED IDEOGRAPH-6253  
= hit  
≈ 3014 ( 6253 打 3015 )
- 1F246 盜 TORTOISE SHELL BRACKETED CJK UNIFIED IDEOGRAPH-76D7  
= steal  
≈ 3014 ( 76D7 盜 3015 )
- 1F247 勝 TORTOISE SHELL BRACKETED CJK UNIFIED IDEOGRAPH-52DD  
= win  
≈ 3014 ( 52DD 勝 3015 )

- 1F248 敗 TORTOISE SHELL BRACKETED CJK UNIFIED IDEOGRAPH-6557  
= loss  
≈ 3014 ( 6557 敗 3015 )

**Circled ideographs**

- 1F250 得 CIRCLED IDEOGRAPH ADVANTAGE  
= advantage sign  
≈ <circle> 5F97 得
- 1F251 可 CIRCLED IDEOGRAPH ACCEPT  
= accept sign  
≈ <circle> 53EF 可

1F300

## Miscellaneous Symbols and Pictographs

1F3FF

	1F30	1F31	1F32	1F33	1F34	1F35	1F36	1F37	1F38	1F39	1F3A	1F3B	1F3C	1F3D	1F3E	1F3F	
0	❾	🌐	⭐	🌰	🌸	🍐	🥔	🍰	🦷	🔑	💺	🏀			🏡	🏰	
1	🧩	●	🌡️	〽️	🍁	🍑	🍢	🍱	🎁	🍇	🎡	🎰	🎲	🏁		🏡	🚩
2	⚡	🌙	💧	🌲	🌿	onOptionsItemSelected	-pencil	-pane	🎂	🎒	🎢	🎲	🏄	🏃		💻	🚩
3	🏭	◑	☀️	🌳	🌿	🍓	🍘	🥞	🎃	🎓	słuchawka	🎱	🏃			💻	🚩
4	🌤️	🌕	☁️	🌴	🍄	🍔	🥒	🍴	🎄	❤️	🎤	🎙️	🤸	🏔️	🏡	FLAG	
5	☀️	○	☁️	🌵	🍅	🍕	🌀	☕	🎩	🎥	🎵	🏅	🌲	🏥	🌸		
6	🧩	◑	🌧️	🌶️	🥩	🍗	🍦	🏺	🎆	🏅	📽️	🎶	🏆	🏖️	BANK	✿	
7	🌁	◑	🌧️	튤립	🍇	Knife	🥢	🍷	🎇	🎗️	🎧	🎷	🐎	🏧	🏧	🏧	
8	🌈	◑	☁️	*	○	⌚	🍜	🍸	🎈	🎹	🎨	🎸	🏉	🏡	🏡		
9	🌉	🌙	🌩️	🌹	🍉	🍙	🍘	🍸	*	🎙️	🎩	🎹	🏉	🏙️	🏙️		
A	🌊	👤	☁️	🌺	🍏	🥧	🍪	🍺	*	✚	🎪	笔	🏊	🏡	24H		
B	🌋	🌙	👋	🌸	🥜	🍣	🌯	🍺	*	🕒	🥁	🥁	🏋️	🏛️	🏛️		
C	🧩	🌙	ፊ	*	*	☕	*	*	*	*	*	*	*	*	*		
D	🌍	⾯		*	*	*	*	*	*	*	*	*	*	*	*		
E	🌍	☀️		*	*	*	*	*	*	*	*	*	*	*	*		
F	🌍	⭐		*	*	*	*	*	*	*	*	*	*	*	*		

1F40 1F41 1F42 1F43 1F44 1F45 1F46 1F47 1F48 1F49 1F4A 1F4B 1F4C 1F4D 1F4E 1F4F

0	01F400	01F410	01F420	01F430	01F440	01F450	01F460	01F470	01F480	01F490	01F4A0	01F4B0	01F4C0	01F4D0	01F4E0	01F4F0
1	11F401	11F411	11F421	11F431	11F441	11F451	11F461	11F471	11F481	11F491	11F4A1	11F4B1	11F4C1	11F4D1	11F4E1	11F4F1
2	21F402	21F412	21F422	21F432	21F442	21F452	21F462	21F472	21F482	21F492	21F4A2	21F4B2	21F4C2	21F4D2	21F4E2	21F4F2
3	31F403	31F413	31F423	31F433	31F443	31F453	31F463	31F473	31F483	31F493	31F4A3	31F4B3	31F4C3	31F4D3	31F4E3	31F4F3
4	41F404	41F414	41F424	41F434	41F444	41F454	41F464	41F474	41F484	41F494	41F4A4	41F4B4	41F4C4	41F4D4	41F4E4	41F4F4
5	51F405	51F415	51F425	51F435	51F445	51F455	51F465	51F475	51F485	51F495	51F4A5	51F4B5	51F4C5	51F4D5	51F4E5	51F4F5
6	61F406	61F416	61F426	61F436	61F446	61F456	61F466	61F476	61F486	61F496	61F4A6	61F4B6	61F4C6	61F4D6	61F4E6	61F4F6
7	71F407	71F417	71F427	71F437	71F447	71F457	71F467	71F477	71F487	71F497	71F4A7	71F4B7	71F4C7	71F4D7	71F4E7	71F4F7
8	81F408	81F418	81F428	81F438	81F448	81F458	81F468	81F478	81F488	81F498	81F4A8	81F4B8	81F4C8	81F4D8	81F4E8	81F4F8
9	91F409	91F419	91F429	91F439	91F449	91F459	91F469	91F479	91F489	91F499	91F4A9	91F4B9	91F4C9	91F4D9	91F4E9	91F4F9
A	A1F40A	A1F41A	A1F42A	A1F43A	A1F44A	A1F45A	A1F46A	A1F47A	A1F48A	A1F49A	A1F4AA	A1F4BA	A1F4CA	A1F4DA	A1F4EA	A1F4FA
B	B1F40B	B1F41B	B1F42B	B1F43B	B1F44B	B1F45B	B1F46B	B1F47B	B1F48B	B1F49B	B1F4AB	B1F4BB	B1F4CB	B1F4DB	B1F4EB	B1F4FB
C	C1F40C	C1F41C	C1F42C	C1F43C	C1F44C	C1F45C	C1F46C	C1F47C	C1F48C	C1F49C	C1F4AC	C1F4BC	C1F4CC	C1F4DC	C1F4EC	C1F4FC
D	D1F40D	D1F41D	D1F42D	D1F43D	D1F44D	D1F45D	D1F46D	D1F47D	D1F48D	D1F49D	D1F4AD	D1F4BD	D1F4CD	D1F4DD	D1F4ED	D1F4FD
E	E1F40E	E1F41E	E1F42E	E1F43E	E1F44E	E1F45E	E1F46E	E1F47E	E1F48E	E1F49E	E1F4AE	E1F4BE	E1F4CE	E1F4DE	E1F4EE	E1F4FE
F	F1F40F	F1F41F	F1F42F	F1F43F	F1F44F	F1F45F	F1F46F	F1F47F	F1F48F	F1F49F	F1F4AF	F1F4BF	F1F4CF	F1F4DF	F1F4EF	

1F500

## Miscellaneous Symbols and Pictographs

1F5FF

1F50 1F51 1F52 1F53 1F54 1F55 1F56 1F57 1F58 1F59 1F5A 1F5B 1F5C 1F5D 1F5E 1F5F

0	1F500	1F510	1F520	1F530	1F540	1F550	1F560	1F570	1F580	1F590	1F5A0	1F5B0	1F5C0	1F5D0	1F5E0	1F5F0
1	1F501	1F511	1F521	1F531	1F541	1F551	1F561	1F571	1F581	1F591	1F5A1	1F5B1	1F5C1	1F5D1	1F5E1	1F5F1
2	1F502	1F512	1F522	1F532	1F542	1F552	1F562	1F572	1F582	1F592	1F5A2	1F5B2	1F5C2	1F5D2	1F5E2	1F5F2
3	1F503	1F513	1F523	1F533	1F543	1F553	1F563	1F573	1F583	1F593	1F5A3	1F5B3	1F5C3	1F5D3	1F5E3	1F5F3
4	1F504	1F514	1F524	1F534	1F544	1F554	1F564	1F574	1F584	1F594		1F5B4	1F5C4	1F5D4	1F5E4	1F5F4
5	1F505	1F515	1F525	1F535	1F545	1F555	1F565	1F575	1F585	1F595	1F5A5	1F5B5	1F5C5	1F5D5	1F5E5	1F5F5
6	1F506	1F516	1F526	1F536	1F546	1F556	1F566	1F576	1F586	1F596	1F5A6	1F5B6	1F5C6	1F5D6	1F5E6	1F5F6
7	1F507	1F517	1F527	1F537	1F547	1F557	1F567	1F577	1F587	1F597	1F5A7	1F5B7	1F5C7	1F5D7	1F5E7	1F5F7
8	1F508	1F518	1F528	1F538	1F548	1F558	1F568	1F578	1F588	1F598	1F5A8	1F5B8	1F5C8	1F5D8	1F5E8	1F5F8
9	1F509	1F519	1F529	1F539	1F549	1F559	1F569	1F579	1F589	1F599	1F5A9	1F5B9	1F5C9	1F5D9	1F5E9	1F5F9
A	1F50A	1F51A	1F52A	1F53A	1F54A	1F55A	1F56A		1F58A	1F59A	1F5AA	1F5BA	1F5CA	1F5DA	1F5EA	1F5FA
B	1F50B	1F51B	1F52B	1F53B		1F55B	1F56B	1F57B	1F58B	1F59B	1F5AB	1F5BB	1F5CB	1F5DB	1F5EB	1F5FB
C	1F50C	1F51C	1F52C	1F53C		1F55C	1F56C	1F57C	1F58C	1F59C	1F5AC	1F5BC	1F5CC	1F5DC	1F5EC	1F5FC
D	1F50D	1F51D	1F52D	1F53D		1F55D	1F56D	1F57D	1F58D	1F59D	1F5AD	1F5BD	1F5CD	1F5DD	1F5ED	1F5FD
E	1F50E	1F51E	1F52E	1F53E		1F55E	1F56E	1F57E	1F58E	1F59E	1F5AE	1F5BE	1F5CE	1F5DE	1F5EE	1F5FE
F	1F50F	1F51F	1F52F	1F53F	1F54F	1F55F	1F56F	1F57F	1F58F	1F59F	1F5AF	1F5BF	1F5CF	1F5DF	1F5EF	1F5FF

**Weather, landscape, and sky symbols**

- 1F300 CYCLONE  
= typhoon, hurricane
- 1F301 FOGGY  
→ 1F32B fog
- 1F302 CLOSED UMBRELLA
- 1F303 NIGHT WITH STARS
- 1F304 SUNRISE OVER MOUNTAINS
- 1F305 SUNRISE
- 1F306 CITYSCAPE AT DUSK  
→ 1F3D9 cityscape
- 1F307 SUNSET OVER BUILDINGS
- 1F308 RAINBOW
- 1F309 BRIDGE AT NIGHT
- 1F30A WATER WAVE
- 1F30B VOLCANO
- 1F30C MILKY WAY

**Globe symbols**

- 1F30D EARTH GLOBE EUROPE-AFRICA
- 1F30E EARTH GLOBE AMERICAS
- 1F30F EARTH GLOBE ASIA-AUSTRALIA
- 1F310 GLOBE WITH MERIDIANS  
• used to indicate international input source, world clocks with time zones, etc.

**Moon, sun, and star symbols**

- 1F311 NEW MOON SYMBOL  
→ 25CF black circle
- 1F312 WAXING CRESCENT MOON SYMBOL
- 1F313 FIRST QUARTER MOON SYMBOL  
= half moon  
→ 25D0 circle with left half black
- 1F314 WAXING GIBBOUS MOON SYMBOL  
= waxing moon
- 1F315 FULL MOON SYMBOL  
→ 25CB white circle
- 1F316 WANING GIBBOUS MOON SYMBOL
- 1F317 LAST QUARTER MOON SYMBOL  
→ 25D1 circle with right half black
- 1F318 WANING CRESCENT MOON SYMBOL
- 1F319 CRESCENT MOON  
• may indicate either the first or last quarter moon  
→ 263D first quarter moon  
→ 263E last quarter moon
- 1F31A NEW MOON WITH FACE
- 1F31B FIRST QUARTER MOON WITH FACE
- 1F31C LAST QUARTER MOON WITH FACE
- 1F31D FULL MOON WITH FACE
- 1F31E SUN WITH FACE
- 1F31F GLOWING STAR
- 1F320 SHOOTING STAR

**Weather symbols**

- 1F321 THERMOMETER  
= temperature, warm
- 1F322 BLACK DROPLET  
= droplet  
→ 1F4A7 droplet
- 1F323 WHITE SUN  
= sunny  
→ 263C white sun with rays

**1F324 WHITE SUN WITH SMALL CLOUD**

= mostly sunny  
→ 26C5 sun behind cloud

**1F325 WHITE SUN BEHIND CLOUD**

= mostly cloudy

**1F326 WHITE SUN BEHIND CLOUD WITH RAIN**

= showers

**1F327 CLOUD WITH RAIN**

= rain

**1F328 CLOUD WITH SNOW**

= snow, snow showers

**1F329 CLOUD WITH LIGHTNING**

= lightning, thunderstorm

→ 26C8 thunder cloud and rain

**1F32A CLOUD WITH TORNADO**

= tornado, twister

**1F32B FOG**

→ 1F301 foggy

**1F32C WIND BLOWING FACE**

= wind

**Plant symbols****1F330 CHESTNUT****1F331 SEEDLING****1F332 EVERGREEN TREE**

→ 1F3DE national park

**1F333 DECIDUOUS TREE****1F334 PALM TREE**

→ 1F3DD desert island

**1F335 CACTUS**

→ 1F3DC desert

**1F336 HOT PEPPER**

= hot, spicy

**1F337 TULIP**

→ 2698 flower

**1F338 CHERRY BLOSSOM****1F339 ROSE****1F33A HIBISCUS****1F33B SUNFLOWER****1F33C BLOSSOM**

= daisy

**1F33D EAR OF MAIZE****1F33E EAR OF RICE****1F33F HERB****1F340 FOUR LEAF CLOVER**

→ 2618 shamrock

**1F341 MAPLE LEAF****1F342 FALLEN LEAF****1F343 LEAF FLUTTERING IN WIND****1F344 MUSHROOM****Fruit and vegetable symbols****1F345 TOMATO****1F346 AUBERGINE**

= eggplant

**1F347 GRAPES****1F348 MELON****1F349 WATERMELON****1F34A TANGERINE****1F34B LEMON****1F34C BANANA****1F34D PINEAPPLE****1F34E RED APPLE****1F34F GREEN APPLE**

- 1F350 PEAR  
 1F351 PEACH  
 1F352 CHERRIES  
 1F353 STRAWBERRY

**Food symbols**

- 1F354 HAMBURGER  
     = fast food place  
 1F355 SLICE OF PIZZA  
 1F356 MEAT ON BONE  
 1F357 POULTRY LEG  
 1F358 RICE CRACKER  
 1F359 RICE BALL  
 1F35A COOKED RICE  
     = bowl of rice  
 1F35B CURRY AND RICE  
     = Japanese style curry  
 1F35C STEAMING BOWL  
     = ramen noodles  
 1F35D SPAGHETTI  
 1F35E BREAD  
 1F35F FRENCH FRIES  
 1F360 ROASTED SWEET POTATO  
 1F361 DANGO  
     = mochi balls on skewer  
 1F362 ODEN  
     = seafood on skewer  
 1F363 SUSHI  
 1F364 FRIED SHRIMP  
 1F365 FISH CAKE WITH SWIRL DESIGN  
 1F366 SOFT ICE CREAM  
 1F367 SHAVED ICE  
 1F368 ICE CREAM  
 1F369 DOUGHNUT  
 1F36A COOKIE  
     = biscuit  
 1F36B CHOCOLATE BAR  
 1F36C CANDY  
 1F36D LOLLIPOP  
 1F36E CUSTARD  
 1F36F HONEY POT  
 1F370 SHORTCAKE  
 1F371 BENTO BOX  
 1F372 POT OF FOOD  
 1F373 COOKING  
     = frying pan, cooking utensil  
 1F374 FORK AND KNIFE  
     = restaurant, meal  
     • glyph may show a fork and spoon  
     • glyph may show a crossed fork and knife  
     → 1F37D fork and knife with plate

**Beverage symbols**

- 1F375 TEACUP WITHOUT HANDLE  
     → 2615 hot beverage  
     → 26FE cup on black square  
 1F376 SAKE BOTTLE AND CUP  
 1F377 WINE GLASS  
 1F378 COCKTAIL GLASS  
     = lounge  
     → 1F6CB couch and lamp  
 1F379 TROPICAL DRINK  
 1F37A BEER MUG

- 1F37B CLINKING BEER MUGS

= cheers

- 1F37C BABY BOTTLE

**Accommodation symbol**

- 1F37D FORK AND KNIFE WITH PLATE  
     = dining  
     → 1F374 fork and knife

**Celebration symbols**

- 1F380 RIBBON  
 1F381 WRAPPED PRESENT  
     → 1F4E6 package  
 1F382 BIRTHDAY CAKE  
 1F383 JACK-O-LANTERN  
     = Hallowe'en  
 1F384 CHRISTMAS TREE  
 1F385 FATHER CHRISTMAS  
     = Santa Claus  
 1F386 FIREWORKS  
 1F387 FIREWORK SPARKLER  
     • long, stick-like firework that looks like a burning incense stick  
 1F388 BALLOON  
 1F389 PARTY POPPER  
 1F38A CONFETTI BALL  
     = congratulations  
 1F38B TANABATA TREE  
     = tanabata tree with wishing papers  
 1F38C CROSSED FLAGS  
     • Japanese national holiday  
 1F38D PINE DECORATION  
     • Japanese new year's door decoration  
 1F38E JAPANESE DOLLS  
     • Japanese Hinamatsuri or girls' doll festival  
 1F38F CARP STREAMER  
 1F390 WIND CHIME  
 1F391 MOON VIEWING CEREMONY  
     • Japanese Otsukimi harvest celebration  
 1F392 SCHOOL SATCHEL  
     • Japanese school entrance ceremony  
 1F393 GRADUATION CAP  
     = mortarboard, education  
     • graduation ceremony  
 1F394 HEART WITH TIP ON THE LEFT  
     = favorite  
     → 2665 black heart suit  
 1F395 BOUQUET OF FLOWERS  
     = occasion  
     → 1F490 bouquet  
 1F396 MILITARY MEDAL  
 1F397 REMINDER RIBBON

**Musical symbols**

- 1F398 MUSICAL KEYBOARD WITH JACKS  
     = midi, midi keyboard  
     → 1F3B9 musical keyboard  
 1F399 STUDIO MICROPHONE  
     = microphone  
     → 1F3A4 microphone  
 1F39A LEVEL SLIDER  
     = level control  
 1F39B CONTROL KNOBS  
     = audio control

- 1F39C BEAMED ASCENDING MUSICAL NOTES  
= musical performance  
= music, musical background  
• always ascending, unlike 266C   
→ 266C beamed sixteenth notes  
1F39D BEAMED DESCENDING MUSICAL NOTES  
• always descending, unlike 266C   
→ 266B beamed eighth notes

**Entertainment symbols**

- 1F39E FILM FRAMES  
= film clip  
→ 1F3A5 movie camera  
1F39F ADMISSION TICKETS  
= ticket  
→ 1F3AB ticket  
1F3A0 CAROUSEL HORSE  
= amusement park  
1F3A1 FERRIS WHEEL  
= amusement park  
1F3A2 ROLLER COASTER  
1F3A3 FISHING POLE AND FISH  
= fishing  
1F3A4 MICROPHONE  
= karaoke  
→ 1F399 studio microphone  
1F3A5 MOVIE CAMERA  
= film, movies  
→ 1F39E film frames  
1F3A6 CINEMA  
= movie theater, movie projector  
→ 1F4FD film projector  
1F3A7 HEADPHONE  
= music  
1F3A8 ARTIST PALETTE  
= art  
1F3A9 TOP HAT  
= drama, performing arts, theater  
1F3AA CIRCUS TENT  
= event  
1F3AB TICKET  
• indicates an event  
→ 1F39F admission tickets  
1F3AC CLAPPER BOARD  
= film  
1F3AD PERFORMING ARTS  
= theater masks, theater

**Game symbols**

- 1F3AE VIDEO GAME  
= video game controller  
1F3AF DIRECT HIT  
= archery target, hitting the target  
→ 25CE bullseye  
1F3B0 SLOT MACHINE  
1F3B1 BILLIARDS  
1F3B2 GAME DIE  
1F3B3 BOWLING  
1F3B4 FLOWER PLAYING CARDS  
= flower cards

**Musical symbols**

- 1F3B5 MUSICAL NOTE  
= music, being in good mood  
→ 266A eighth note

- 1F3B6 MULTIPLE MUSICAL NOTES  
= dancing notes, mood, melody  
→ 266B beamed eighth notes  
1F3B7 SAXOPHONE  
1F3B8 GUITAR  
1F3B9 MUSICAL KEYBOARD  
→ 1F398 musical keyboard with jacks  
1F3BA TRUMPET  
1F3BB VIOLIN  
1F3BC MUSICAL SCORE  
→ 1D11E musical symbol g clef

**Sport symbols**

*See other sport symbols in the Miscellaneous Symbols block.*

- 1F3BD RUNNING SHIRT WITH SASH  
1F3BE TENNIS RACQUET AND BALL  
= tennis  
1F3BF SKI AND SKI BOOT  
= skiing  
→ 26F7 skier  
1F3C0 BASKETBALL AND HOOP  
= basketball  
1F3C1 CHEQUERED FLAG  
= motor sports  
1F3C2 SNOWBOARDER  
1F3C3 RUNNER  
= running, marathon, track and fields  
1F3C4 SURFER  
= surfing  
1F3C5 SPORTS MEDAL  
1F3C6 TROPHY  
1F3C7 HORSE RACING  
1F3C8 AMERICAN FOOTBALL  
1F3C9 RUGBY FOOTBALL  
1F3CA SWIMMER  
1F3CB WEIGHT LIFTER  
= health  
1F3CC GOLFER  
1F3CD RACING MOTORCYCLE  
= motorcycle  
1F3CE RACING CAR  
= race car

**Buiding and map symbols**

- 1F3D4 SNOW CAPPED MOUNTAIN  
→ 26F0 mountain  
1F3D5 CAMPING  
= camping site  
→ 26FA tent  
1F3D6 BEACH WITH UMBRELLA  
→ 26F1 umbrella on ground  
1F3D7 BUILDING CONSTRUCTION  
= under construction  
→ 1F6A7 construction sign  
1F3D8 HOUSE BUILDINGS  
= town  
→ 1F3E1 house with garden  
1F3D9 CITYSCAPE  
= skyline, city  
→ 1F306 cityscape at dusk  
1F3DA DERELICT HOUSE BUILDING  
= derelict site  
1F3DB CLASSICAL BUILDING  
= public building

1F3DC	 DESERT	= desert → 1F335  cactus
1F3DD	 DESERT ISLAND	= island → 1F334  palm tree
1F3DE	 NATIONAL PARK	→ 1F332  evergreen tree
1F3DF	 STADIUM	
1F3E0	 HOUSE BUILDING	
1F3E1	 HOUSE WITH GARDEN	= home, house with yard → 1F3D8  house buildings
1F3E2	 OFFICE BUILDING	
1F3E3	 JAPANESE POST OFFICE	→ 3012  postal mark
1F3E4	 EUROPEAN POST OFFICE	
1F3E5	 HOSPITAL	→ 26E8  black cross on shield
1F3E6	 BANK	→ 1F131  squared latin capital letter b
1F3E7	 AUTOMATED TELLER MACHINE	= ATM
1F3E8	 HOTEL	→ 1F157  negative circled latin capital letter h → 1F6CC  sleeping accommodation
1F3E9	 LOVE HOTEL	
1F3EA	 CONVENIENCE STORE	
1F3EB	 SCHOOL	
1F3EC	 DEPARTMENT STORE	
1F3ED	 FACTORY	= industrial production site = date of production → 26ED  gear without hub
1F3EE	 IZAKAYA LANTERN	= japanese izakaya restaurant
1F3EF	 JAPANESE CASTLE	
1F3F0	 EUROPEAN CASTLE	→ 26EB  castle

**Flag symbols**

1F3F1	 WHITE PENNANT	→ 1F6A9  triangular flag on post
1F3F2	 BLACK PENNANT	
1F3F3	 WAVING WHITE FLAG	= flag → 2690  white flag
1F3F4	 WAVING BLACK FLAG	

**Rosettes**

1F3F5	 ROSETTE	→ 2740  white florette
1F3F6	 BLACK ROSETTE	→ 2741  eight petalled outlined black florette

**Miscellaneous symbol**

1F3F7	 LABEL	= price, price tag → 1F516  bookmark
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**Animal symbols**

1F400	 RAT	• first of the signs of the Asian zodiac
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1F401	 MOUSE	• first of the signs of the Asian zodiac, used in Persia
1F402	 OX	• second of the signs of the Asian zodiac
1F403	 WATER BUFFALO	• second of the signs of the Asian zodiac, used in Vietnam
1F404	 COW	• second of the signs of the Asian zodiac, used in Persia = beef (on menus)
1F405	 TIGER	• third of the signs of the Asian zodiac
1F406	 LEOPARD	• third of the signs of the Asian zodiac, used in Persia
1F407	 RABBIT	• fourth of the signs of the Asian zodiac
1F408	 CAT	• fourth of the signs of the Asian zodiac, used in Vietnam
1F409	 DRAGON	• fifth of the signs of the Asian zodiac
1F40A	 CROCODILE	• fifth of the signs of the Asian zodiac, used in Persia
1F40B	 WHALE	• fifth of the signs of the Asian zodiac, used in Persia
1F40C	 SNAIL	• fifth of the signs of the Asian zodiac, used in Kazakhstan
1F40D	 SNAKE	• sixth of the signs of the Asian zodiac
1F40E	 HORSE	• seventh of the signs of the Asian zodiac
1F40F	 RAM	• eighth of the signs of the Asian zodiac → 2648  aries
1F410	 GOAT	• eighth of the signs of the Asian zodiac, used in Vietnam
1F411	 SHEEP	• eighth of the signs of the Asian zodiac, used in Persia
1F412	 MONKEY	• ninth of the signs of the Asian zodiac
1F413	 ROOSTER	• tenth of the signs of the Asian zodiac = cock
1F414	 CHICKEN	• tenth of the signs of the Asian zodiac, used in Persia = hen = poultry (on menus)
1F415	 DOG	• eleventh of the signs of the Asian zodiac
1F416	 PIG	• twelfth of the signs of the Asian zodiac = pork (on menus)
1F417	 BOAR	• twelfth of the signs of the Asian zodiac, used in Japan

1F418 🐘 ELEPHANT

• twelfth of the signs of the Asian zodiac, used in Thailand

1F419 🐙 OCTOPUS

1F41A 🐚 SPIRAL SHELL

1F41B 🐛 BUG

1F41C 🐛 ANT

1F41D 🐛 HONEYBEE

1F41E 🐛 LADY BEETLE

= ladybird, ladybug, coccinellids

1F41F 🐟 FISH

1F420 🐟 TROPICAL FISH

1F421 🐟 BLOWFISH

1F422 🐢 TURTLE

1F423 🐣 HATCHING CHICK

1F424 🐣 BABY CHICK

1F425 🐣 FRONT-FACING BABY CHICK

1F426 🐦 BIRD

1F427 🐧 PENGUIN

1F428 🐨 KOALA

1F429 🐨 POODLE

1F42A 🐨 DROMEDARY CAMEL

• has a single hump

1F42B 🐨 BACTRIAN CAMEL

• has two humps

1F42C 🐬 DOLPHIN

**Animal faces**

1F42D 🐈 MOUSE FACE

1F42E 🐄 COW FACE

1F42F 🐅 TIGER FACE

1F430 🐇 RABBIT FACE

1F431 🐈 CAT FACE

→ 1F63A 😊 smiling cat face with open mouth

1F432 🐉 DRAGON FACE

1F433 🐋 SPOUTING WHALE

1F434 🐃 HORSE FACE

1F435 🐒 MONKEY FACE

1F436 🐔 DOG FACE

1F437 🐑 PIG FACE

1F438 🐸 FROG FACE

1F439 🐹 HAMSTER FACE

1F43A 🐻 WOLF FACE

1F43B 🐻 BEAR FACE

1F43C 🐻 PANDA FACE

1F43D 🐂 PIG NOSE

**Animal symbols**

1F43E 🐾 PAW PRINTS

→ 1F463 👣 footprints

1F43F 🐶 CHIPMUNK

= animal, critter

**Facial parts symbols**

1F440 👀 EYES

1F441 👁 EYE

= sight

1F442 🎧 EAR

1F443 🌩 NOSE

1F444 🗫 MOUTH

1F445 🖮 TONGUE

**Hand symbols**

1F446 🖲 WHITE UP POINTING BACKHAND INDEX

→ 261D 🖲 white up pointing index

→ 1F5A2 🖲 black up pointing backhand index

1F447 🖴 WHITE DOWN POINTING BACKHAND INDEX

→ 261F 🖴 white down pointing index

→ 1F597 🖴 white down pointing left hand index

→ 1F5A3 🖴 black down pointing backhand index

1F448 🖵 WHITE LEFT POINTING BACKHAND INDEX

→ 261C 🖵 white left pointing index

→ 1F59C 🖵 black left pointing backhand index

1F449 🖷 WHITE RIGHT POINTING BACKHAND INDEX

→ 261E 🖷 white right pointing index

→ 1F59D 🖷 black right pointing backhand index

1F44A 🖱 FISTED HAND SIGN

= punch

→ 270A 🖱 raised fist

1F44B 🖲 WAVING HAND SIGN

→ 270B 🖲 raised hand

1F44C 🖵 OK HAND SIGN

→ 1F58F 🖵 turned ok hand sign

1F44D 🖷 THUMBS UP SIGN

→ 1F592 🖷 reversed thumbs up sign

1F44E 🖷 THUMBS DOWN SIGN

→ 1F593 🖷 reversed thumbs down sign

1F44F 🖱 CLAPPING HANDS SIGN

1F450 🖱 OPEN HANDS SIGN

**Clothing and accessories**

1F451 🎩 CROWN

1F452 🎩 WOMANS HAT

1F453 🕶 EYEGLASSES

1F454 🎩 NECKTIE

1F455 🎩 T-SHIRT

1F456 🎩 JEANS

1F457 🎩 DRESS

1F458 🎩 KIMONO

1F459 🎩 BIKINI

1F45A 🎩 WOMANS CLOTHES

1F45B 🎩 PURSE

1F45C 🎩 HANDBAG

1F45D 🎩 POUCH

1F45E 🎩 MANS SHOE

1F45F 🎩 ATHLETIC SHOE

= runner, sneaker, tennis shoe

1F460 🎩 HIGH-HEELED SHOE

1F461 🎩 WOMANS SANDAL

1F462 🎩 WOMANS BOOTS

1F463 👣 FOOTPRINTS

→ 1F43E 🐾 paw prints

**Portrait and role symbols**

1F464 🙁 BUST IN SILHOUETTE

= guest account

1F465 🙁 BUSTS IN SILHOUETTE

= accounts

1F466 🙁 BOY

1F467 🙁 GIRL

1F468 🙁 MAN

1F469 🙁 WOMAN

1F46A 🙁 FAMILY

= rated for family

1F46B	แมนและผู้หญิงกำลังถือมือ
	→ 1F6BB ห้องน้ำ
1F46C	สองคนกำลังถือมือ
1F46D	สองสาวกำลังถือมือ
1F46E	ตำรวจ
1F46F	ผู้หญิงที่มีหูกระต่าย
1F470	สาวที่มี面纱
1F471	คนที่มีเส้นผมสีบลอนด์
1F472	ชายที่มี GUA PI MAO
1F473	ชายที่มี Turban
1F474	ชายผู้ใหญ่
1F475	หญิงผู้ใหญ่
1F476	เด็ก
1F477	คนงานก่อสร้าง

**Fairy tale symbols**

1F478	เจ้าหญิง
1F479	妖怪
1F47A	ญี่ปุ่น กอล์บิน
1F47B	ผี
1F47C	นางฟ้าเด็ก
1F47D	อสูรกายต่างดาว
1F47E	อสูรกายต่างดาว
1F47F	อสูรกาย
1F480	กะโหลกศีรษะ

**Role symbols**

1F481	คนต้อนรับ
1F482	ทหาร
1F483	นักเต้น

**Personal care symbols**

1F484	ลิปสติก
1F485	น้ำยาทาเล็บ
	= manicure, nail care
1F486	การนวดหน้า
1F487	การตัดผม
	• 通常指美容院
1F488	เสาบาร์เบอร์

**Medical symbols**

1F489	เข็มซีริง
1F48A	ยา

**Romance symbols**

1F48B	รอย吻者
	= lips
	→ 1F5E2 亲吻
1F48C	จดหมายรัก
1F48D	แหวน
	= jewelry
1F48E	หินมูลค่าสูง
1F48F	投资者
	= two people kissing
1F490	ช่อดอกไม้
	→ 1F395 一束花
1F491	คู่รัก
1F492	งานแต่งงาน
	= wedding chapel
	→ 26AD 两个心形符号

**Heart symbols**

1F493	跳动的心
1F494	破碎的心
1F495	两个心形符号

1F496	闪光的心
1F497	正在生长的心
1F498	带箭头的心
1F499	蓝色的心
	→ 2661 一个白色的心形符号
	→ 2665 一个黑色的心形符号
	→ 2764 一个深色的心形符号
1F49A	绿色的心
1F49B	黄色的心
1F49C	紫色的心
1F49D	带丝带的心
1F49E	旋转的心
1F49F	装饰的心

**Comic style symbols**

1F4A0	带中心点的菱形
	= kawaii, cute
	• 意味着可爱是基于花形 glyph 与形状相关的关联
	→ 27D0 白色带中心点的菱形
1F4A1	电灯泡
	= idea
1F4A2	怒火
1F4A3	炸弹
1F4A4	睡觉
1F4A5	碰撞
	→ 1F5F0 气泡
1F4A6	飞溅的汗水
	= plewds
1F4A7	水滴
	• 表示一滴汗或一滴水
	→ 1F322 黑色水滴
1F4A8	跑
	= running dash, briffts
1F4A9	狗屎
	= dog dirt
1F4AA	二头肌
	= strong, muscled
1F4AB	眩晕
	= circling stars, squeans
1F4AC	对话气泡
	= comic book conversation bubble
1F4AD	思想气泡
	→ 1F5ED 右侧思想气泡

**Japanese school grade symbols**

1F4AE	白花
	= brilliant homework
	→ 2740 白色小花
1F4AF	一百点
	= perfect score

**Money symbols**

1F4B0	货币袋
	• glyph 可能显示任何货币符号而不是美元符号
1F4B1	货币兑换
1F4B2	重美元符号
	→ 0024 美元符号
1F4B3	信用卡
1F4B4	日元银行券
1F4B5	美元银行券
1F4B6	欧元银行券
1F4B7	英镑银行券
1F4B8	翅膀货币

1F4B9 ☈ CHART WITH UPWARDS TREND AND YEN SIGN

**Office symbols**

1F4BA ☈ SEAT

1F4BB ☈ PERSONAL COMPUTER

→ 1F5B3 ☈ old personal computer

1F4BC ☈ BRIEFCASE

1F4BD ☈ MINIDISC

1F4BE ☈ FLOPPY DISK

= flexible disk cartridge, floppy disc, floppy, diskette

→ 1F5AA ☈ black hard shell floppy disk

1F4BF ☈ OPTICAL DISC

→ 1F5B8 ☈ optical disc icon

1F4C0 ☈ DVD

= digital video/versatile disc

1F4C1 ☈ FILE FOLDER

→ 1F5C0 ☈ folder

1F4C2 ☈ OPEN FILE FOLDER

→ 1F5C1 ☈ open folder

1F4C3 ☈ PAGE WITH CURL

→ 1F5CF ☈ page

1F4C4 ☈ PAGE FACING UP

→ 1F5CE ☈ document

1F4C5 ☈ CALENDAR

→ 1F5D2 ☈ spiral note pad

1F4C6 ☈ TEAR-OFF CALENDAR

→ 1F5D3 ☈ spiral calendar pad

1F4C7 ☈ CARD INDEX

→ 1F5C2 ☈ card index dividers

1F4C8 ☈ CHART WITH UPWARDS TREND

→ 1F5E0 ☈ stock chart

1F4C9 ☈ CHART WITH DOWNWARDS TREND

1F4CA ☈ BAR CHART

1F4CB ☈ CLIPBOARD

1F4CC ☈ PUSHPIN

→ 1F588 ☈ black pushpin

1F4CD ☈ ROUND PUSHPIN

1F4CE ☈ PAPERCLIP

→ 1F587 ☈ linked paperclips

1F4CF ☈ STRAIGHT RULER

1F4D0 ☈ TRIANGULAR RULER

1F4D1 ☈ BOOKMARK TABS

1F4D2 ☈ LEDGER

1F4D3 ☈ NOTEBOOK

1F4D4 ☈ NOTEBOOK WITH DECORATIVE COVER

1F4D5 ☈ CLOSED BOOK

1F4D6 ☈ OPEN BOOK

= read operator's manual

• similar to ISO/IEC 7000-0790 "Read operator's manual"

→ 1F56E ☈ book

1F4D7 ☈ GREEN BOOK

1F4D8 ☈ BLUE BOOK

1F4D9 ☈ ORANGE BOOK

1F4DA ☈ BOOKS

1F4DB ☈ NAME BADGE

1F4DC ☈ SCROLL

**Communication symbols**

1F4DD ☈ MEMO

1F4DE ☈ TELEPHONE RECEIVER

→ 1F57B ☈ left hand telephone receiver

→ 1F57D ☈ right hand telephone receiver

1F4DF ☈ PAGER

1F4E0 ☈ FAX MACHINE

→ 213B ☈ facsimile sign

→ 1F57C ☈ telephone receiver with page

→ 1F5A8 ☈ printer

→ 1F5B7 ☈ fax icon

1F4E1 ☈ SATELLITE ANTENNA

= position indicator, news

1F4E2 ☈ PUBLIC ADDRESS LOUDSPEAKER

1F4E3 ☈ CHEERING MEGAPHONE

→ 1F56C ☈ bullhorn with sound waves

1F4E4 ☈ OUTBOX TRAY

1F4E5 ☈ INBOX TRAY

1F4E6 ☈ PACKAGE

→ 1F381 ☈ wrapped present

1F4E7 ☈ E-MAIL SYMBOL

• glyph may show an @-sign instead of an E

→ 1F584 ☈ envelope with lightning

1F4E8 ☈ INCOMING ENVELOPE

→ 2709 ☈ envelope

1F4E9 ☈ ENVELOPE WITH DOWNWARDS ARROW ABOVE

• sending mail

→ 1F585 ☈ flying envelope

1F4EA ☈ CLOSED MAILBOX WITH LOWERED FLAG

= letter box, mail reception

= empty mailbox

1F4EB ☈ CLOSED MAILBOX WITH RAISED FLAG

= mailbox containing mail

1F4EC ☈ OPEN MAILBOX WITH RAISED FLAG

1F4ED ☈ OPEN MAILBOX WITH LOWERED FLAG

1F4EE ☈ POSTBOX

= mailbox for sending mail

1F4EF ☈ POSTAL HORN

1F4F0 ☈ NEWSPAPER

→ 1F5DE ☈ rolled-up newspaper

1F4F1 ☈ MOBILE PHONE

→ 1F581 ☈ clamshell mobile phone

1F4F2 ☈ MOBILE PHONE WITH RIGHTWARDS ARROW AT LEFT

• making a phone call

1F4F3 ☈ VIBRATION MODE

1F4F4 ☈ MOBILE PHONE OFF

1F4F5 ☈ NO MOBILE PHONES

1F4F6 ☈ ANTENNA WITH BARS

= cellular reception

**Audio and video symbols**

1F4F7 ☈ CAMERA

1F4F8 ☈ CAMERA WITH FLASH

1F4F9 ☈ VIDEO CAMERA

= video

1F4FA ☈ TELEVISION

1F4FB ☈ RADIO

1F4FC ☈ VIDEOCASSETTE

1F4FD ☈ FILM PROJECTOR

= movies

→ 1F3A6 ☈ cinema

1F4FE ☈ PORTABLE STEREO

= stereo

**User interface symbols**

1F500 ☈ TWISTED RIGHTWARDS ARROWS

= shuffle

1F501

## Miscellaneous Symbols and Pictographs

1F53D

- 1F501 ⚡ CLOCKWISE RIGHTWARDS AND LEFTWARDS OPEN CIRCLE ARROWS  
= repeat  
→ 267B 🍈 black universal recycling symbol
- 1F502 ⓘ CLOCKWISE RIGHTWARDS AND LEFTWARDS OPEN CIRCLE ARROWS WITH CIRCLED ONE OVERLAY  
= repeat one item over
- 1F503 ⓘ CLOCKWISE DOWNWARDS AND UPWARDS OPEN CIRCLE ARROWS  
= reload  
→ 1F5D8 ⓘ clockwise right and left semicircle arrows
- 1F504 ⓘ ANTICLOCKWISE DOWNWARDS AND UPWARDS OPEN CIRCLE ARROWS  
= reload
- 1F505 ⚡ LOW BRIGHTNESS SYMBOL
- 1F506 ⚡ HIGH BRIGHTNESS SYMBOL  
→ 2600 ⚡ black sun with rays  
→ 263C ☀ white sun with rays  
→ 26ED ☀ gear without hub
- 1F507 ✖ SPEAKER WITH CANCELLATION STROKE
- 1F508 🔊 SPEAKER  
= left speaker  
→ 1F568 🔊 right speaker  
→ 1F56B 🔊 bullhorn
- 1F509 🔊 SPEAKER WITH ONE SOUND WAVE
- 1F50A 🔊 SPEAKER WITH THREE SOUND WAVES  
= sound
- 1F50B 🔋 BATTERY
- 1F50C ⚡ ELECTRIC PLUG
- 1F50D 🔎 LEFT-POINTING MAGNIFYING GLASS  
= search  
→ 1F56C 🔎 bullhorn with sound waves
- 1F50E 🔎 RIGHT-POINTING MAGNIFYING GLASS  
= get more details
- 1F50F 🔒 LOCK WITH INK PEN  
= privacy
- 1F510 🔒 CLOSED LOCK WITH KEY  
= secure
- 1F511 🔑 KEY  
→ 26BF 🔑 squared key  
→ 1F5DD 🔑 old key
- 1F512 🔒 LOCK  
= padlock in locked position
- 1F513 🔒 OPEN LOCK
- 1F514 🔕 BELL  
→ 0FC4 🔕 tibetan symbol dril bu  
→ 2407 🔕 symbol for bell  
→ 1F56D 🔕 ringing bell
- 1F515 ✖ BELL WITH CANCELLATION STROKE
- 1F516 🔖 BOOKMARK  
→ 1F3F7 🔖 label
- 1F517 🔒 LINK SYMBOL
- 1F518 ⓘ RADIO BUTTON  
→ 2299 ⓘ circled dot operator  
→ 25C9 ⓘ fisheye  
→ 25CE ⓘ bullseye

**Words with arrows**

- 1F519 🔙 BACK WITH LEFTWARDS ARROW ABOVE  
→ 2397 🔙 previous page
- 1F51A 🔙 END WITH LEFTWARDS ARROW ABOVE
- 1F51B 🔙 ON WITH EXCLAMATION MARK WITH LEFT RIGHT ARROW ABOVE

- 1F51C ⚡ SOON WITH RIGHTWARDS ARROW ABOVE  
1F51D ⚡ TOP WITH UPWARDS ARROW ABOVE  
= top of page

**Enclosed alphanumeric symbols**

- 1F51E ⓘ NO ONE UNDER EIGHTEEN SYMBOL
- 1F51F ⓘ KEYCAP TEN  
→ 20E3 ⓘ combining enclosing keycap

**User interface input status symbols**

- 1F520 ⓘ INPUT SYMBOL FOR LATIN CAPITAL LETTERS
- 1F521 ⓘ INPUT SYMBOL FOR LATIN SMALL LETTERS
- 1F522 ⓘ INPUT SYMBOL FOR NUMBERS
- 1F523 ⓘ INPUT SYMBOL FOR SYMBOLS
- 1F524 ⓘ INPUT SYMBOL FOR LATIN LETTERS  
= English input (ABC)

**Tool symbols**

- 1F525 🔥 FIRE
- 1F526 🔦 ELECTRIC TORCH  
= flashlight
- 1F527 🔭 WRENCH
- 1F528 🔨 HAMMER
- 1F529 🔧 NUT AND BOLT
- 1F52A 🔪 HOCHO  
= Japanese kitchen knife  
→ 1F5E1 🔪 dagger knife
- 1F52B 🔫 PISTOL
- 1F52C 🔬 MICROSCOPE
- 1F52D 🔮 TELESCOPE
- 1F52E 🔮 CRYSTAL BALL
- 1F52F 🔮 SIX POINTED STAR WITH MIDDLE DOT  
→ 2721 🔮 star of david
- 1F530 🔮 JAPANESE SYMBOL FOR BEGINNER
- 1F531 🔮 TRIDENT EMBLEM

**Geometric shapes**

- 1F532 🔻 BLACK SQUARE BUTTON
- 1F533 🔻 WHITE SQUARE BUTTON
- 1F534 🔻 LARGE RED CIRCLE  
→ 25CF 🔻 black circle  
→ 25EF 🔻 large circle  
→ 2B24 🔻 black large circle  
→ 2B55 🔻 heavy large circle
- 1F535 🔻 LARGE BLUE CIRCLE
- 1F536 🔻 LARGE ORANGE DIAMOND  
→ 25C6 🔻 black diamond
- 1F537 🔻 LARGE BLUE DIAMOND
- 1F538 🔻 SMALL ORANGE DIAMOND  
→ 2B29 🔻 black small diamond
- 1F539 🔻 SMALL BLUE DIAMOND

**User interface symbols**

- 1F53A 🔶 UP-POINTING RED TRIANGLE  
→ 25B2 🔶 black up-pointing triangle
- 1F53B 🔷 DOWN-POINTING RED TRIANGLE  
→ 25BC 🔷 black down-pointing triangle
- 1F53C 🔸 UP-POINTING SMALL RED TRIANGLE  
= play arrow up  
→ 25B4 🔸 black up-pointing small triangle
- 1F53D 🔹 DOWN-POINTING SMALL RED TRIANGLE  
= play arrow down  
→ 25BE 🔹 black down-pointing small triangle

**Shadowed geometric shapes**

- 1F53E ⓠ LOWER RIGHT SHADOWED WHITE CIRCLE  
= circle shadow down  
→ 274D ⓠ shadowed white circle
- 1F53F ⓠ UPPER RIGHT SHADOWED WHITE CIRCLE

**Religious symbols**

- 1F540 Ⓜ CIRCLED CROSS POMMEE  
• Orthodox typikon symbol for great feast service
- 1F541 Ⓝ CROSS POMMEE WITH HALF-CIRCLE BELOW  
• Orthodox typikon symbol for vigil service
- 1F542 Ⓞ CROSS POMMEE  
• Orthodox typikon symbol for Polyeleos  
→ 2722 Ⓞ four teardrop-spoked asterisk
- 1F543 Ⓟ NOTCHED LEFT SEMICIRCLE WITH THREE DOTS  
• Orthodox typikon symbol for lower rank feast
- 1F544 Ⓠ NOTCHED RIGHT SEMICIRCLE WITH THREE DOTS  
• Orthodox typikon for lower rank feast
- 1F545 Ⓡ SYMBOL FOR MARKS CHAPTER  
• Orthodox typikon for difficult sections
- 1F546 Ⓢ WHITE LATIN CROSS  
= cross outline  
→ 271E Ⓢ shadowed white latin cross
- 1F547 Ⓣ HEAVY LATIN CROSS
- 1F548 Ⓤ CELTIC CROSS
- 1F549 Ⓥ OM SYMBOL  
• generic symbol independent of Devanagari font  
→ 0950 Ⓥ devanagari om
- 1F54A Ⓦ DOVE OF PEACE  
= peace

**Miscellaneous symbol**

- 1F54F Ⓨ BOWL OF HYGIEIA  
→ 2695 Ⓨ staff of aesculapius

**Clock face symbols**

- 1F550 Ⓩ CLOCK FACE ONE OCLOCK  
→ 231A Ⓩ watch  
→ 23F0 Ⓩ alarm clock
- 1F551 Ⓩ CLOCK FACE TWO OCLOCK
- 1F552 Ⓩ CLOCK FACE THREE OCLOCK
- 1F553 Ⓩ CLOCK FACE FOUR OCLOCK
- 1F554 Ⓩ CLOCK FACE FIVE OCLOCK
- 1F555 Ⓩ CLOCK FACE SIX OCLOCK
- 1F556 Ⓩ CLOCK FACE SEVEN OCLOCK
- 1F557 Ⓩ CLOCK FACE EIGHT OCLOCK
- 1F558 Ⓩ CLOCK FACE NINE OCLOCK
- 1F559 Ⓩ CLOCK FACE TEN OCLOCK
- 1F55A Ⓩ CLOCK FACE ELEVEN OCLOCK
- 1F55B Ⓩ CLOCK FACE TWELVE OCLOCK
- 1F55C Ⓩ CLOCK FACE ONE-THIRTY
- 1F55D Ⓩ CLOCK FACE TWO-THIRTY
- 1F55E Ⓩ CLOCK FACE THREE-THIRTY
- 1F55F Ⓩ CLOCK FACE FOUR-THIRTY
- 1F560 Ⓩ CLOCK FACE FIVE-THIRTY
- 1F561 Ⓩ CLOCK FACE SIX-THIRTY
- 1F562 Ⓩ CLOCK FACE SEVEN-THIRTY
- 1F563 Ⓩ CLOCK FACE EIGHT-THIRTY
- 1F564 Ⓩ CLOCK FACE NINE-THIRTY
- 1F565 Ⓩ CLOCK FACE TEN-THIRTY
- 1F566 Ⓩ CLOCK FACE ELEVEN-THIRTY
- 1F567 Ⓩ CLOCK FACE TWELVE-THIRTY

**Communication symbols**

- 1F568 ⓑ RIGHT SPEAKER  
→ 1F508 ⓑ speaker
- 1F569 ⓒ RIGHT SPEAKER WITH ONE SOUND WAVE
- 1F56A ⓓ RIGHT SPEAKER WITH THREE SOUND WAVES
- 1F56B ⓔ BULLHORN  
= sound off  
→ 1F508 ⓑ speaker
- 1F56C ⓕ BULLHORN WITH SOUND WAVES  
= sound on  
→ 1F4E3 ⓕ cheering megaphone  
→ 1F50A ⓕ speaker with three sound waves

**Miscellaneous symbols**

- 1F56D ⓖ RINGING BELL  
→ 1F514 ⓖ bell
- 1F56E ⓗ BOOK  
→ 1F4D6 ⓗ open book
- 1F56F ⓘ CANDLE
- 1F570 ⓙ MANTELPIECE CLOCK  
= clock  
→ 23F0 ⓙ alarm clock
- 1F571 ⓚ BLACK SKULL AND CROSSBONES  
→ 2620 ⓚ skull and crossbones
- 1F572 ⓛ NO PIRACY
- 1F573 ⓜ HOLE  
= portable hole
- 1F574 ⓝ MAN IN BUSINESS SUIT LEVITATING  
= jump
- 1F575 ⓞ SLEUTH OR SPY  
= investigate
- 1F576 ⓟ DARK SUNGLASSES  
= cool

**Animal symbols**

- 1F577 ⓪ SPIDER
- 1F578 ⓫ SPIDER WEB

**Game symbol**

- 1F579 ⓩ JOYSTICK

**Communication symbols**

- 1F57B ⓪ LEFT HAND TELEPHONE RECEIVER  
→ 1F4DE ⓪ telephone receiver
- 1F57C ⓫ TELEPHONE RECEIVER WITH PAGE  
= fax  
→ 1F4E0 ⓫ fax machine
- 1F57D ⓭ RIGHT HAND TELEPHONE RECEIVER  
= telephone handset
- 1F57E ⓮ WHITE TOUCHTONE TELEPHONE  
→ 260F ⓮ white telephone
- 1F57F ⓯ BLACK TOUCHTONE TELEPHONE  
→ 260E ⓯ black telephone
- 1F580 ⓯ TELEPHONE ON TOP OF MODEM  
= modem
- 1F581 ⓰ CLAMSHELL MOBILE PHONE  
= cellular phone  
→ 1F4F1 ⓰ mobile phone
- 1F582 ⓻ BACK OF ENVELOPE  
→ 2709 ⓻ envelope  
• 2709 ⓻ shows a seal
- 1F583 ⓼ STAMPED ENVELOPE  
= mail

- 1F584 ENVELOPE WITH LIGHTNING  
= e-mail  
→ 1F4E7 e-mail symbol
- 1F585 FLYING ENVELOPE  
= send message  
→ 1F4E9 envelope with downwards arrow above
- 1F586 PEN OVER STAMPED ENVELOPE
- 1F587 LINKED PAPERCLIPS  
= links  
→ 1F4CE paperclip
- 1F588 BLACK PUSHPIN  
= marker  
→ 1F4CC pushpin
- 1F589 LOWER LEFT PENCIL  
= pencil  
→ 270E lower right pencil
- 1F58A LOWER LEFT BALLPOINT PEN  
= ballpoint pen
- 1F58B LOWER LEFT FOUNTAIN PEN  
= fountain pen  
→ 2711 white nib
- 1F58C LOWER LEFT PAINTBRUSH  
= brush
- 1F58D LOWER LEFT CRAYON  
= crayon

**Hand symbols**

- 1F58E LEFT WRITING HAND  
→ 270D writing hand
- 1F58F TURNED OK HAND SIGN  
→ 1F44C ok hand sign
- 1F590 RAISED HAND WITH FINGERS SPLAYED  
= halt  
→ 270B raised hand
- 1F591 REVERSED RAISED HAND WITH FINGERS SPLAYED
- 1F592 REVERSED THUMBS UP SIGN  
→ 1F44D thumbs up sign
- 1F593 REVERSED THUMBS DOWN SIGN  
→ 1F44E thumbs down sign
- 1F594 REVERSED VICTORY HAND  
→ 270C victory hand
- 1F595 REVERSED HAND WITH MIDDLE FINGER EXTENDED
- 1F596 RAISED HAND WITH PART BETWEEN MIDDLE AND RING FINGERS
- 1F597 WHITE DOWN POINTING LEFT HAND INDEX  
→ 261F white down pointing index  
→ 1F447 white down pointing backhand index
- 1F598 SIDEWAYS WHITE LEFT POINTING INDEX  
→ 261C white left pointing index
- 1F599 SIDEWAYS WHITE RIGHT POINTING INDEX  
→ 261E white right pointing index
- 1F59A SIDEWAYS BLACK LEFT POINTING INDEX
- 1F59B SIDEWAYS BLACK RIGHT POINTING INDEX
- 1F59C BLACK LEFT POINTING BACKHAND INDEX  
→ 1F448 white left pointing backhand index
- 1F59D BLACK RIGHT POINTING BACKHAND INDEX  
→ 1F449 white right pointing backhand index
- 1F59E SIDEWAYS WHITE UP POINTING INDEX  
→ 261D white up pointing index

- 1F59F SIDEWAYS WHITE DOWN POINTING INDEX  
→ 261F white down pointing index
- 1F5A0 SIDEWAYS BLACK UP POINTING INDEX
- 1F5A1 SIDEWAYS BLACK DOWN POINTING INDEX
- 1F5A2 BLACK UP POINTING BACKHAND INDEX  
→ 1F446 white up pointing backhand index
- 1F5A3 BLACK DOWN POINTING BACKHAND INDEX  
→ 1F447 white down pointing backhand index

**Computer symbols**

- 1F5A5 DESKTOP COMPUTER  
= tower computer
- 1F5A6 KEYBOARD AND MOUSE  
→ 2328 keyboard
- 1F5A7 THREE NETWORKED COMPUTERS  
= computer network
- 1F5A8 PRINTER  
→ 1F4E0 fax machine
- 1F5A9 POCKET CALCULATOR  
= calculator
- 1F5AA BLACK HARD SHELL FLOPPY DISK  
= disk  
→ 1F4BE floppy disk
- 1F5AB WHITE HARD SHELL FLOPPY DISK
- 1F5AC SOFT SHELL FLOPPY DISK
- 1F5AD TAPE CARTRIDGE
- 1F5AE WIRED KEYBOARD  
= keyboard  
→ 2328 keyboard
- 1F5AF ONE BUTTON MOUSE
- 1F5B0 TWO BUTTON MOUSE
- 1F5B1 THREE BUTTON MOUSE
- 1F5B2 TRACKBALL  
= ballpoint
- 1F5B3 OLD PERSONAL COMPUTER  
= personal computer  
→ 1F4BB personal computer
- 1F5B4 HARD DISK
- 1F5B5 SCREEN  
= monitor  
→ 20E2 combining enclosing screen
- 1F5B6 PRINTER ICON  
→ 1F5A8 printer
- 1F5B7 FAX ICON  
→ 1F4E0 fax machine
- 1F5B8 OPTICAL DISC ICON  
= compact disc  
→ 1F4BF optical disc

**Office symbols**

- 1F5B9 DOCUMENT WITH TEXT
- 1F5BA DOCUMENT WITH TEXT AND PICTURE
- 1F5BB DOCUMENT WITH PICTURE  
= graphic document
- 1F5BC FRAME WITH PICTURE  
= art
- 1F5BD FRAME WITH TILES  
= frames
- 1F5BE FRAME WITH AN X  
= no frames, no picture

**User interface symbols**

- 1F5BF BLACK FOLDER

1F5C0		FOLDER = directory → 1F4C1
1F5C1		OPEN FOLDER → 1F4C2
1F5C2		CARD INDEX DIVIDERS = index → 1F4C7
1F5C3		CARD FILE BOX = archive
1F5C4		FILE CABINET
1F5C5		EMPTY NOTE
1F5C6		EMPTY NOTE PAGE
1F5C7		EMPTY NOTE PAD
1F5C8		NOTE
1F5C9		NOTE PAGE
1F5CA		NOTE PAD
1F5CB		EMPTY DOCUMENT
1F5CC		EMPTY PAGE
1F5CD		EMPTY PAGES
1F5CE		DOCUMENT → 1F4C4
1F5CF		PAGE → 1F4C3
1F5D0		PAGES
1F5D1		WASTEBASKET = trashcan
1F5D2		SPIRAL NOTE PAD = note, empty calendar → 1F4C5
1F5D3		SPIRAL CALENDAR PAD = calendar, day 1 → 1F4C6
1F5D4		DESKTOP WINDOW
1F5D5		MINIMIZE
1F5D6		MAXIMIZE
1F5D7		OVERLAP = overlapping offset windows
1F5D8		CLOCKWISE RIGHT AND LEFT SEMICIRCLE ARROWS = refresh → 1F503
1F5D9		CANCELLATION X = close → 274C
1F5DA		INCREASE FONT SIZE SYMBOL
1F5DB		DECREASE FONT SIZE SYMBOL
1F5DC		COMPRESSION • symbol depicts a hand press with a box inside
1F5DD		OLD KEY = encryption → 1F511

**Miscellaneous symbols**

1F5DE		ROLLED-UP NEWSPAPER = news → 1F4F0
1F5DF		PAGE WITH CIRCLED TEXT = classified
1F5E0		STOCK CHART = finance → 1F4C8

**Rating symbols**

The following symbols are used for ratings. This set also includes 1F46A for family rating.

1F5E1		DAGGER KNIFE = rated for violence = hate → 1F52A
1F5E2		LIPS = rated for sex = kiss → 1F48B
1F5E3		SPEAKING HEAD IN SILHOUETTE = rated for strong language

**Sound symbols**

1F5E4		THREE RAYS ABOVE
1F5E5		THREE RAYS BELOW
1F5E6		THREE RAYS LEFT → 269E
1F5E7		THREE RAYS RIGHT → 269F

**Bubble symbols**

1F5E8		LEFT SPEECH BUBBLE
1F5E9		RIGHT SPEECH BUBBLE
1F5EA		TWO SPEECH BUBBLES = chat
1F5EB		THREE SPEECH BUBBLES = conference
1F5EC		LEFT THOUGHT BUBBLE
1F5ED		RIGHT THOUGHT BUBBLE → 1F4AD
1F5EE		LEFT ANGER BUBBLE = shout left
1F5EF		RIGHT ANGER BUBBLE = shout right
1F5F0		MOOD BUBBLE = new → 1F4A5
1F5F1		LIGHTNING MOOD BUBBLE = updated
1F5F2		LIGHTNING MOOD = lightning bolt → 26A1

**Ballot symbols**

1F5F3		BALLOT BOX WITH BALLOT = vote → 2612
1F5F4		BALLOT SCRIPT X = x mark → 2717
1F5F5		BALLOT BOX WITH SCRIPT X → 2612
1F5F6		BALLOT BOLD SCRIPT X → 2718
1F5F7		BALLOT BOX WITH BOLD SCRIPT X
1F5F8		LIGHT CHECK MARK = check → 2713
1F5F9		BALLOT BOX WITH BOLD CHECK → 2611

**Map symbol**

1F5FA

**Cultural symbols**

- 1F5FB  MOUNT FUJI  
1F5FC  TOKYO TOWER  
1F5FD  STATUE OF LIBERTY  
1F5FE  SILHOUETTE OF JAPAN  
1F5FF  MOYAI  
• Japanese stone statue like Moai on Easter Island

1F600

## Emoticons

1F64F

	1F60	1F61	1F62	1F63	1F64
0	😊	😐	🙁	😯	😢
1	😁	😑	😡	😱	🙁
2	😆	😑	😯	ଓ	😊
3	😊	ଓ	><	😴	
4	😊	ଓ	😴	😴	😴
5	😊	ଓ	🙁	✖️	🙊
6	😆	ଓ	🙁	ଓ	ଓ
7	☺	ଓ	😡	😉	ଓ
8	😺	ଓ	🙁	😺	ଓ
9	☺	ଓ	🙁	😺	ଓ
A	😊	ଓ	🙁	😺	🙊
B	😊	ଓ	><	❤️	ଓ
C	😊	ଓ	🙁	😺	ଓ
D	❤️	ଓ	ଓ	😺	ଓ
E	😎	ଓ	ଓ	😡	ଓ
F	😑	ଓ	ଓ	😺	ଓ

1F600

## Emoticons

1F64F

The emoticons have been organized by mouth shape to make it easier to locate the different characters in the code chart.

**Faces**

- 1F600 ☺ GRINNING FACE  
 1F601 ☺ GRINNING FACE WITH SMILING EYES  
 1F602 ☺ FACE WITH TEARS OF JOY  
 1F603 ☺ SMILING FACE WITH OPEN MOUTH  
     → 263A ☺ white smiling face  
 1F604 ☺ SMILING FACE WITH OPEN MOUTH AND SMILING EYES  
 1F605 ☺ SMILING FACE WITH OPEN MOUTH AND COLD SWEAT  
 1F606 ☺ SMILING FACE WITH OPEN MOUTH AND TIGHTLY-CLOSED EYES  
 1F607 ☺ SMILING FACE WITH HALO  
 1F608 ☺ SMILING FACE WITH HORNS  
 1F609 ☺ WINKING FACE  
 1F60A ☺ SMILING FACE WITH SMILING EYES  
 1F60B ☺ FACE SAVOURING DELICIOUS FOOD  
 1F60C ☺ RELIEVED FACE  
 1F60D ☺ SMILING FACE WITH HEART-SHAPED EYES  
 1F60E ☺ SMILING FACE WITH SUNGLASSES  
 1F60F ☺ SMIRKING FACE  
 1F610 ☺ NEUTRAL FACE  
     • used for the West Wind in some Mahjong annotation  
 1F611 ☹ EXPRESSIONLESS FACE  
 1F612 ☹ UNAMUSED FACE  
 1F613 ☹ FACE WITH COLD SWEAT  
 1F614 ☹ PENSIVE FACE  
 1F615 ☹ CONFUSED FACE  
 1F616 ☹ CONFOUNDED FACE  
 1F617 ☹ KISSING FACE  
 1F618 ☹ FACE THROWING A KISS  
 1F619 ☹ KISSING FACE WITH SMILING EYES  
 1F61A ☹ KISSING FACE WITH CLOSED EYES  
 1F61B ☹ FACE WITH STUCK-OUT TONGUE  
 1F61C ☹ FACE WITH STUCK-OUT TONGUE AND WINKING EYE  
     • kidding, not serious  
 1F61D ☹ FACE WITH STUCK-OUT TONGUE AND TIGHTLY-CLOSED EYES  
     • kidding, not serious  
 1F61E ☹ DISAPPOINTED FACE  
     → 2639 ☹ white frowning face  
 1F61F ☹ WORRIED FACE  
 1F620 ☹ ANGRY FACE  
 1F621 ☹ POUTING FACE  
 1F622 ☹ CRYING FACE  
 1F623 ☹ PERSEVERING FACE  
 1F624 ☹ FACE WITH LOOK OF TRIUMPH  
 1F625 ☹ DISAPPOINTED BUT RELIEVED FACE  
 1F626 ☹ FROWNING FACE WITH OPEN MOUTH  
 1F627 ☹ ANGUISHED FACE  
 1F628 ☹ FEARFUL FACE  
 1F629 ☹ WEARY FACE  
 1F62A ☹ SLEEPY FACE  
 1F62B ☹ TIRED FACE  
 1F62C ☹ GRIMACING FACE  
 1F62D ☹ LOUDLY CRYING FACE  
 1F62E ☹ FACE WITH OPEN MOUTH  
 1F62F ☹ HUSHED FACE

- 1F630 ☺ FACE WITH OPEN MOUTH AND COLD SWEAT  
 1F631 ☺ FACE SCREAMING IN FEAR  
 1F632 ☺ ASTONISHED FACE  
 1F633 ☺ FLUSHED FACE  
 1F634 ☺ SLEEPING FACE  
 1F635 ☺ DIZZY FACE  
 1F636 ☺ FACE WITHOUT MOUTH  
     • used for the South Wind in some Mahjong annotation  
     → 2687 ☺ white circle with two dots  
 1F637 ☺ FACE WITH MEDICAL MASK

**Cat faces**

- 1F638 😺 GRINNING CAT FACE WITH SMILING EYES  
 1F639 😺 CAT FACE WITH TEARS OF JOY  
 1F63A 😺 SMILING CAT FACE WITH OPEN MOUTH  
 1F63B 😺 SMILING CAT FACE WITH HEART-SHAPED EYES  
 1F63C 😺 CAT FACE WITH WRINKLED SMILE  
 1F63D 😺 KISSING CAT FACE WITH CLOSED EYES  
 1F63E 😺 POUTING CAT FACE  
 1F63F 😺 CRYING CAT FACE  
 1F640 😺 WEARY CAT FACE

**Faces**

- 1F641 ☹ SLIGHTLY FROWNING FACE  
     → 2639 ☹ white frowning face  
 1F642 ☺ SLIGHTLY SMILING FACE  
     → 263A ☺ white smiling face

**Gesture symbols**

- 1F645 ☹ FACE WITH NO GOOD GESTURE  
 1F646 ☺ FACE WITH OK GESTURE  
 1F647 ☺ PERSON BOWING DEEPLY  
 1F648 ☺ SEE-NO-EVIL MONKEY  
 1F649 ☺ HEAR-NO-EVIL MONKEY  
 1F64A ☺ SPEAK-NO-EVIL MONKEY  
 1F64B ☺ HAPPY PERSON RAISING ONE HAND  
 1F64C ☺ PERSON RAISING BOTH HANDS IN CELEBRATION  
     = banzai!  
 1F64D ☹ PERSON FROWNING  
 1F64E ☹ PERSON WITH POUTING FACE  
 1F64F ☺ PERSON WITH FOLDED HANDS  
     • can indicate sorrow or regret  
     • can indicate pleading

	1F65	1F66	1F67
0			
1			
2			
3			
4			
5			
6			
7			
8			
9			
A			
B			
C			
D			
E			
F			

1F650

## Ornamental Dingbats

1F67F

**Leaf ornaments**

- 1F650 Ⓜ NORTH WEST POINTING LEAF  
 1F651 Ⓝ SOUTH WEST POINTING LEAF  
 1F652 Ⓞ NORTH EAST POINTING LEAF  
 1F653 Ⓟ SOUTH EAST POINTING LEAF  
 1F654 Ⓠ TURNED NORTH WEST POINTING LEAF  
 1F655 Ⓡ TURNED SOUTH WEST POINTING LEAF  
 1F656 Ⓢ TURNED NORTH EAST POINTING LEAF  
 1F657 Ⓣ TURNED SOUTH EAST POINTING LEAF

**Vine leaf ornaments**

- 1F658 Ⓛ NORTH WEST POINTING VINE LEAF  
 1F659 Ⓜ SOUTH WEST POINTING VINE LEAF  
 1F65A Ⓝ NORTH EAST POINTING VINE LEAF  
 1F65B Ⓞ SOUTH EAST POINTING VINE LEAF  
 1F65C Ⓟ HEAVY NORTH WEST POINTING VINE LEAF  
 1F65D Ⓠ HEAVY SOUTH WEST POINTING VINE LEAF  
 1F65E Ⓡ HEAVY NORTH EAST POINTING VINE LEAF  
 1F65F Ⓢ HEAVY SOUTH EAST POINTING VINE LEAF

**Pointing bud ornaments**

- 1F660 Ⓛ NORTH WEST POINTING BUD  
 1F661 Ⓜ SOUTH WEST POINTING BUD  
 1F662 Ⓝ NORTH EAST POINTING BUD  
 1F663 Ⓞ SOUTH EAST POINTING BUD  
 1F664 Ⓟ HEAVY NORTH WEST POINTING BUD  
 1F665 Ⓠ HEAVY SOUTH WEST POINTING BUD  
 1F666 Ⓡ HEAVY NORTH EAST POINTING BUD  
 1F667 Ⓢ HEAVY SOUTH EAST POINTING BUD

**Quilt square ornaments**

- 1F668 Ⓛ HOLLOW QUILT SQUARE ORNAMENT  
 1F669 Ⓛ HOLLOW QUILT SQUARE ORNAMENT IN BLACK  
     SQUARE  
 1F66A Ⓛ SOLID QUILT SQUARE ORNAMENT  
     = fourfold knot ornament  
 1F66B Ⓛ SOLID QUILT SQUARE ORNAMENT IN BLACK  
     SQUARE  
     = inverse fourfold knot ornament

**Rocket ornaments**

- 1F66C ← LEFTWARDS ROCKET  
     → 1F680 Ⓛ rocket  
 1F66D ↑ UPWARDS ROCKET  
 1F66E → RIGHTWARDS ROCKET  
 1F66F ↓ DOWNWARDS ROCKET

**Ampersand and ligature et ornaments**

- 1F670 Ⓛ SCRIPT LIGATURE ET ORNAMENT  
     = italic ampersand lower case  
     → 204A Ⓛ tironian sign et  
 1F671 Ⓛ HEAVY SCRIPT LIGATURE ET ORNAMENT  
 1F672 Ⓛ LIGATURE OPEN ET ORNAMENT  
 1F673 Ⓛ HEAVY LIGATURE OPEN ET ORNAMENT  
 1F674 Ⓛ HEAVY AMPERSAND ORNAMENT  
     → 0026 & ampersand  
 1F675 Ⓛ SWASH AMPERSAND ORNAMENT  
     = italic ampersand

**Punctuation mark ornaments**

- 1F676 “ SANS-SERIF HEAVY DOUBLE TURNED COMMA  
     QUOTATION MARK ORNAMENT  
     → 275D “ heavy double turned comma  
     quotation mark ornament

- 1F677 ” SANS-SERIF HEAVY DOUBLE COMMA  
     QUOTATION MARK ORNAMENT  
     → 275E ” heavy double comma quotation mark  
     ornament

- 1F678 „ SANS-SERIF HEAVY LOW DOUBLE COMMA  
     QUOTATION MARK ORNAMENT  
     → 2760 „ heavy low double comma quotation  
     mark ornament

- 1F679 ? HEAVY INTERROBANG ORNAMENT  
     → 203D ? interrobang

- 1F67A ? SANS-SERIF INTERROBANG ORNAMENT  
 1F67B ? HEAVY SANS-SERIF INTERROBANG ORNAMENT  
 1F67C ↘ VERY HEAVY SOLIDUS  
 1F67D ↙ VERY HEAVY REVERSE SOLIDUS

**Miscellaneous symbols**

- 1F67E ■ CHECKER BOARD  
     → 259E ■ quadrant upper right and lower left  
 1F67F ■ REVERSE CHECKER BOARD  
     → 259A ■ quadrant upper left and lower right

	1F68	1F69	1F6A	1F6B	1F6C	1F6D	1F6E	1F6F
0								
1								
2								
3								
4								
5								
6								
7								
8								
9								
A								
B								
C								
D								
E								
F								

1F680

## Transport and Map Symbols

1F6CB

**Vehicles**

- 1F680 ROCKET  
→ 1F66C ← leftwards rocket
- 1F681 HELICOPTER  
→ 2708 ✈ airplane
- 1F682 STEAM LOCOMOTIVE  
→ 1F6F2 🚂 diesel locomotive
- 1F683 RAILWAY CAR
- 1F684 HIGH-SPEED TRAIN
- 1F685 HIGH-SPEED TRAIN WITH BULLET NOSE
- 1F686 TRAIN  
= intercity train
- 1F687 METRO  
= subway, underground train
- 1F688 LIGHT RAIL
- 1F689 STATION  
= train, subway station
- 1F68A TRAM
- 1F68B TRAM CAR
- 1F68C BUS
- 1F68D ONCOMING BUS
- 1F68E TROLLEYBUS
- 1F68F BUS STOP
- 1F690 MINIBUS
- 1F691 AMBULANCE
- 1F692 FIRE ENGINE  
→ 1F6F1 🚒 oncoming fire engine
- 1F693 POLICE CAR
- 1F694 ONCOMING POLICE CAR
- 1F695 TAXI
- 1F696 ONCOMING TAXI
- 1F697 AUTOMOBILE
- 1F698 ONCOMING AUTOMOBILE
- 1F699 RECREATIONAL VEHICLE
- 1F69A DELIVERY TRUCK  
→ 26DF 🚛 black truck
- 1F69B ARTICULATED LORRY
- 1F69C TRACTOR
- 1F69D MONORAIL
- 1F69E MOUNTAIN RAILWAY
- 1F69F SUSPENSION RAILWAY
- 1F6A0 MOUNTAIN CABLEWAY
- 1F6A1 AERIAL TRAMWAY
- 1F6A2 SHIP  
= cruise line vacation  
→ 26F4 🛳 ferry  
→ 1F6F3 🛳 passenger ship
- 1F6A3 ROWBOAT  
→ 26F5 ⛵ sailboat
- 1F6A4 SPEEDBOAT  
→ 1F6E5 ⛶ motor boat

**Traffic signs**

- 1F6A5 HORIZONTAL TRAFFIC LIGHT
- 1F6A6 VERTICAL TRAFFIC LIGHT
- 1F6A7 CONSTRUCTION SIGN  
→ 26CF ✕ pick  
→ 1F3D7 🏗 building construction
- 1F6A8 POLICE CARS REVOLVING LIGHT  
= rotating beacon

**Signage and other symbols**

- 1F6A9 TRIANGULAR FLAG ON POST  
= location information  
→ 26F3 📿 flag in hole  
→ 1F3F1 🎫 white pennant
- 1F6AA DOOR
- 1F6AB NO ENTRY SIGN  
→ 20E0 ☑ combining enclosing circle backslash  
→ 26D4 ☞ no entry  
→ 1F6C7 ☠ prohibited sign
- 1F6AC SMOKING SYMBOL
- 1F6AD NO SMOKING SYMBOL
- 1F6AE PUT LITTER IN ITS PLACE SYMBOL
- 1F6AF DO NOT LITTER SYMBOL
- 1F6B0 POTABLE WATER SYMBOL
- 1F6B1 NON-POTABLE WATER SYMBOL
- 1F6B2 BICYCLE
- 1F6B3 NO BICYCLES
- 1F6B4 BICYCLIST
- 1F6B5 MOUNTAIN BICYCLIST
- 1F6B6 PEDESTRIAN  
= walking
- 1F6B7 NO PEDESTRIANS
- 1F6B8 CHILDREN CROSSING
- 1F6B9 MENS SYMBOL  
= man symbol  
= men's restroom
- 1F6BA WOMENS SYMBOL  
= woman symbol  
= women's restroom
- 1F6BB RESTROOM  
= man and woman symbol with divider  
= unisex restroom  
→ 1F46B 🤵 man and woman holding hands
- 1F6BC BABY SYMBOL  
= baby on board, baby changing station
- 1F6BD TOILET
- 1F6BE WATER CLOSET
- 1F6BF SHOWER
- 1F6C0 BATH
- 1F6C1 BATHTUB
- 1F6C2 PASSPORT CONTROL
- 1F6C3 CUSTOMS
- 1F6C4 BAGGAGE CLAIM
- 1F6C5 LEFT LUGGAGE
- 1F6C6 TRIANGLE WITH ROUNDED CORNERS  
= caution  
→ 25B3 ▲ white up-pointing triangle
- 1F6C7 PROHIBITED SIGN  
→ 20E0 ☑ combining enclosing circle backslash  
→ 1F6AB ☠ no entry sign
- 1F6C8 CIRCLED INFORMATION SOURCE  
= information  
→ 2139 ⓘ information source
- 1F6C9 BOYS SYMBOL
- 1F6CA GIRLS SYMBOL
- Accommodation symbols**
- These symbols constitute a set along with 1F378 for lounge.*
- 1F6CB COUCH AND LAMP  
= furniture, lifestyles
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- 1461

1F6CC SLEEPING ACCOMMODATION

= hotel, guestrooms  
→ 1F3E8 hotel

1F6CD SHOPPING BAGS

= shopping

1F6CE BELLHOP BELL

= reception, services

1F6CF BED

#### Miscellaneous symbols

1F6E0 HAMMER AND WRENCH

= tools, repair facility  
→ 2692 hammer and pick

1F6E1 SHIELD

= US road interstate highway

1F6E2 OIL DRUM

= commodities

1F6E3 MOTORWAY

1F6E4 RAILWAY TRACK

= railroad

#### Vehicles

1F6E5 MOTOR BOAT

= boat  
→ 1F6A4 speedboat

1F6E6 UP-POINTING MILITARY AIRPLANE

= military airport

1F6E7 UP-POINTING AIRPLANE

= commercial airport  
→ 2708 airplane

1F6E8 UP-POINTING SMALL AIRPLANE

= airfield

1F6E9 SMALL AIRPLANE

1F6EA NORTHEAST-POINTING AIRPLANE

1F6EB AIRPLANE DEPARTURE

= departures

1F6EC AIRPLANE ARRIVING

= arrivals

1F6ED <reserved>

1F6EE <reserved>

1F6EF <reserved>

1F6F0 SATELLITE

1F6F1 ONCOMING FIRE ENGINE

= fire  
→ 1F692 fire engine

1F6F2 DIESEL LOCOMOTIVE

= train

→ 1F682 steam locomotive

→ 1F686 train

1F6F3 PASSENGER SHIP

= cruise line vacation

→ 1F6A2 ship

	1F70	1F71	1F72	1F73	1F74	1F75	1F76	1F77
0	QE	Ѡ	Ѡ	Ѡ	Ѡ	Ѡ	Ѡ	Ѡ
1	Ѡ	Ѡ	Ѡ	Ѡ	Ѡ	Ѡ	Ѡ	Ѡ
2	Ѡ	Ѡ	Ѡ	Ѡ	Ѡ	Ѡ	Ѡ	Ѡ
3	Ѡ	Ѡ	Ѡ	Ѡ	Ѡ	Ѡ	Ѡ	Ѡ
4	Ѡ	Ѡ	Ѡ	Ѡ	Ѡ	Ѡ	Ѡ	Ѡ
5	Ѡ	Ѡ	Ѡ	Ѡ	Ѡ	Ѡ	Ѡ	Ѡ
6	Ѡ	Ѡ	Ѡ	Ѡ	Ѡ	Ѡ	Ѡ	Ѡ
7	Ѡ	Ѡ	Ѡ	Ѡ	Ѡ	Ѡ	Ѡ	Ѡ
8	Ѡ	Ѡ	Ѡ	Ѡ	Ѡ	Ѡ	Ѡ	Ѡ
9	Ѡ	Ѡ	Ѡ	Ѡ	Ѡ	Ѡ	Ѡ	Ѡ
A	Ѡ	Ѡ	Ѡ	Ѡ	Ѡ	Ѡ	Ѡ	Ѡ
B	Ѡ	Ѡ	Ѡ	Ѡ	Ѡ	Ѡ	Ѡ	Ѡ
C	Ѡ	Ѡ	Ѡ	Ѡ	Ѡ	Ѡ	Ѡ	Ѡ
D	Ѡ	Ѡ	Ѡ	Ѡ	Ѡ	Ѡ	Ѡ	Ѡ
E	Ѡ	Ѡ	Ѡ	Ѡ	Ѡ	Ѡ	Ѡ	Ѡ
F	Ѡ	Ѡ	Ѡ	Ѡ	Ѡ	Ѡ	Ѡ	Ѡ

**Symbols for Aristotelian elements**

- 1F700 Ⓢ ALCHEMICAL SYMBOL FOR QUINTESSENCE  
 1F701 Ⓛ ALCHEMICAL SYMBOL FOR AIR  
 1F702 Ⓜ ALCHEMICAL SYMBOL FOR FIRE  
     → 25B3 Ⓜ white up-pointing triangle  
 1F703 Ⓝ ALCHEMICAL SYMBOL FOR EARTH  
     → 2641 Ⓛ earth  
 1F704 Ⓞ ALCHEMICAL SYMBOL FOR WATER  
     → 25BD Ⓞ white down-pointing triangle

**Symbols for important solvents**

- 1F705 Ⓟ ALCHEMICAL SYMBOL FOR AQUAFORTIS  
 1F706 Ⓡ ALCHEMICAL SYMBOL FOR AQUA REGIA  
 1F707 Ⓣ ALCHEMICAL SYMBOL FOR AQUA REGIA-2  
     = balneum arenae (sand bath), lapis armenus (Armenian stone)  
 1F708 Ⓢ ALCHEMICAL SYMBOL FOR AQUA VITAE  
     = spiritus vini  
 1F709 Ⓣ ALCHEMICAL SYMBOL FOR AQUA VITAE-2  
 1F70A Ⓤ ALCHEMICAL SYMBOL FOR VINEGAR  
     = crucible; acid; distill; atrament; vitriol; red sulfur; borax; wine; alkali salt; mercurius vivus, quick silver  
     → 2629 Ⓤ cross of jerusalem  
 1F70B Ⓥ ALCHEMICAL SYMBOL FOR VINEGAR-2  
     = distilled vinegar  
 1F70C Ⓦ ALCHEMICAL SYMBOL FOR VINEGAR-3

**Symbols for sulfur and mercury**

- 1F70D Ⓧ ALCHEMICAL SYMBOL FOR SULFUR  
     = brimstone  
 1F70E Ⓨ ALCHEMICAL SYMBOL FOR PHILOSOPHERS SULFUR  
 1F70F Ⓩ ALCHEMICAL SYMBOL FOR BLACK SULFUR  
     = sulfur nigra, dye  
 1F710 ⓐ ALCHEMICAL SYMBOL FOR MERCURY SUBLIMATE  
     → 263F ⓐ mercury  
     → 1F75E Ⓩ alchemical symbol for sublimation  
 1F711 ⓑ ALCHEMICAL SYMBOL FOR MERCURY SUBLIMATE-2  
 1F712 ⓒ ALCHEMICAL SYMBOL FOR MERCURY SUBLIMATE-3  
 1F713 ⓔ ALCHEMICAL SYMBOL FOR CINNABAR

**Symbols for salt, vitriol, and nitre**

- 1F714 ⓕ ALCHEMICAL SYMBOL FOR SALT  
     → 25A1 □ white square  
     → 2296 ⓕ circled minus  
 1F715 ⓖ ALCHEMICAL SYMBOL FOR NITRE  
     → 29B6 ⓖ circled vertical bar  
 1F716 ⓗ ALCHEMICAL SYMBOL FOR VITRIOL  
 1F717 ⓘ ALCHEMICAL SYMBOL FOR VITRIOL-2  
 1F718 ⓙ ALCHEMICAL SYMBOL FOR ROCK SALT  
     = sal gemmae  
 1F719 ⓚ ALCHEMICAL SYMBOL FOR ROCK SALT-2

**Symbols for gold and silver**

- 1F71A ⓛ ALCHEMICAL SYMBOL FOR GOLD  
     → 2609 ⓛ sun  
 1F71B ⓜ ALCHEMICAL SYMBOL FOR SILVER  
     → 263D ⓜ first quarter moon  
     → 263E ⓜ last quarter moon

**Symbols for iron, iron ore and derivatives**

- 1F71C ⓝ ALCHEMICAL SYMBOL FOR IRON ORE  
     → 2642 ⓝ male sign  
 1F71D ⓞ ALCHEMICAL SYMBOL FOR IRON ORE-2  
 1F71E ⓟ ALCHEMICAL SYMBOL FOR CROCUS OF IRON  
     = crocus martis, red or yellow calcined powder of iron  
 1F71F ⓠ ALCHEMICAL SYMBOL FOR REGULUS OF IRON  
     = regulus martis, scoria from refining stibnite/antimony with iron

**Symbols for copper, copper ore and derivatives**

- 1F720 Ⓥ ALCHEMICAL SYMBOL FOR COPPER ORE  
     → 2640 Ⓥ female sign  
 1F721 Ⓦ ALCHEMICAL SYMBOL FOR IRON-COPPER ORE  
     → 26A5 Ⓦ male and female sign  
 1F722 Ⓨ ALCHEMICAL SYMBOL FOR SUBLIMATE OF COPPER  
     → 1F739 Ⓨ alchemical symbol for sal-ammoniac  
 1F723 Ⓩ ALCHEMICAL SYMBOL FOR CROCUS OF COPPER  
     = crocus veneris, aes ustum  
 1F724 Ⓩ ALCHEMICAL SYMBOL FOR CROCUS OF COPPER-2  
 1F725 ⓐ ALCHEMICAL SYMBOL FOR COPPER ANTIMONIATE  
     = crocus of copper, crocus veneris, lapis haematinus  
     → 2641 Ⓛ earth  
 1F726 ⓑ ALCHEMICAL SYMBOL FOR SALT OF COPPER ANTIMONIATE  
     → 1F714 ⓕ alchemical symbol for salt  
 1F727 ⓒ ALCHEMICAL SYMBOL FOR SUBLIMATE OF SALT OF COPPER  
     → 1F739 Ⓨ alchemical symbol for sal-ammoniac  
 1F728 ⓔ ALCHEMICAL SYMBOL FOR VERDIGRIS  
     = aes viride, copper subacetate  
     = early astronomical symbol for earth  
     → 2295 ⓔ circled plus

**Symbols for tin and lead ore**

- 1F729 Ⓠ ALCHEMICAL SYMBOL FOR TIN ORE  
     → 2643 Ⓠ jupiter  
 1F72A Ⓡ ALCHEMICAL SYMBOL FOR LEAD ORE  
     → 2644 Ⓡ saturn

**Symbols for antimony, antimony ore and derivatives**

- 1F72B Ⓛ ALCHEMICAL SYMBOL FOR ANTIMONY ORE  
     = stibnite  
     → 2641 Ⓛ earth  
 1F72C ⓒ ALCHEMICAL SYMBOL FOR SUBLIMATE OF ANTIMONY  
     → 1F739 Ⓨ alchemical symbol for sal-ammoniac  
 1F72D Ⓝ ALCHEMICAL SYMBOL FOR SALT OF ANTIMONY  
     = cinnabar  
     → 1F714 ⓕ alchemical symbol for salt  
 1F72E Ⓞ ALCHEMICAL SYMBOL FOR SUBLIMATE OF SALT OF ANTIMONY  
 1F72F Ⓟ ALCHEMICAL SYMBOL FOR VINEGAR OF ANTIMONY  
 1F730 Ⓠ ALCHEMICAL SYMBOL FOR REGULUS OF ANTIMONY  
     = antimony metal

1F731

## Alchemical Symbols

1F772

- 1F731 ⚈ ALCHEMICAL SYMBOL FOR REGULUS OF ANTIMONY-2  
 1F732 ⚉ ALCHEMICAL SYMBOL FOR REGULUS  
 1F733 ⚊ ALCHEMICAL SYMBOL FOR REGULUS-2  
 1F734 ⚋ ALCHEMICAL SYMBOL FOR REGULUS-3  
 1F735 ⚌ ALCHEMICAL SYMBOL FOR REGULUS-4

**Symbols for other substances**

- 1F736 ⚍ ALCHEMICAL SYMBOL FOR ALKALI  
     = sal alkali  
 1F737 ⚎ ALCHEMICAL SYMBOL FOR ALKALI-2  
 1F738 ⚏ ALCHEMICAL SYMBOL FOR MARCASITE  
     = iron pyrite, iron sulfide  
 1F739 ⚐ ALCHEMICAL SYMBOL FOR SAL-AMMONIAC  
     = ammonium chloride  
     → 002A \* asterisk  
     → 26B9 \* sextile  
     → 2733 \* eight spoked asterisk  
 1F73A ⚑ ALCHEMICAL SYMBOL FOR ARSENIC  
     → 29DF ⚑ double-ended multimap  
 1F73B ⚒ ALCHEMICAL SYMBOL FOR REALGAR  
     = arsenic sulfide  
 1F73C ⚓ ALCHEMICAL SYMBOL FOR REALGAR-2  
     = arsenic sulfide  
 1F73D ⚔ ALCHEMICAL SYMBOL FOR AURIPIGMENT  
     = orpiment  
     = arsenic trisulfide  
 1F73E ⚕ ALCHEMICAL SYMBOL FOR BISMUTH ORE  
     = tinglass  
     → 2646 ⚕ neptune  
 1F73F ⚖ ALCHEMICAL SYMBOL FOR TARTAR  
     = impure potassium tartrate  
 1F740 ⚗ ALCHEMICAL SYMBOL FOR TARTAR-2  
     = impure potassium tartrate  
 1F741 ⚘ ALCHEMICAL SYMBOL FOR QUICK LIME  
     = calx viva  
     = calcium oxide  
 1F742 ⚙ ALCHEMICAL SYMBOL FOR BORAX  
 1F743 ⚚ ALCHEMICAL SYMBOL FOR BORAX-2  
 1F744 ⚛ ALCHEMICAL SYMBOL FOR BORAX-3  
 1F745 ⚜ ALCHEMICAL SYMBOL FOR ALUM  
 1F746 ⚝ ALCHEMICAL SYMBOL FOR OIL  
     → 0F1C ⚝ tibetan sign rdel dkar gsum  
 1F747 ⚞ ALCHEMICAL SYMBOL FOR SPIRIT  
 1F748 ⚟ ALCHEMICAL SYMBOL FOR TINCTURE  
 1F749 ⚟ ALCHEMICAL SYMBOL FOR GUM  
 1F74A ⚠ ALCHEMICAL SYMBOL FOR WAX  
     = cera  
 1F74B ⚡ ALCHEMICAL SYMBOL FOR POWDER  
     = pulvis  
 1F74C ⚢ ALCHEMICAL SYMBOL FOR CALX  
     = calcinare  
     = oxide residue, calcium oxide  
 1F74D ⚤ ALCHEMICAL SYMBOL FOR TUTTY  
     = tutia, crude zinc oxide sublimate  
     = aes viride  
 1F74E ⚥ ALCHEMICAL SYMBOL FOR CAPUT MORTUUM  
     = worthless residue of sublimation or distillation  
 1F74F ⚦ ALCHEMICAL SYMBOL FOR SCEPTER OF JOVE  
 1F750 ⚧ ALCHEMICAL SYMBOL FOR CADUCEUS  
     → 2624 ⚧ caduceus  
 1F751 ⚨ ALCHEMICAL SYMBOL FOR TRIDENT  
 1F752 ⚩ ALCHEMICAL SYMBOL FOR STARRED TRIDENT

- 1F753 ⚪ ALCHEMICAL SYMBOL FOR LODESTONE  
     = magnes  
 1F754 ⚫ ALCHEMICAL SYMBOL FOR SOAP  
     → 25CA ⚫ lozenge  
     → 2B26 ⚫ white medium diamond  
 1F755 ⚭ ALCHEMICAL SYMBOL FOR URINE  
     → 22A1 ⚭ squared dot operator  
 1F756 ⚮ ALCHEMICAL SYMBOL FOR HORSE DUNG  
     = firmus equinus  
 1F757 ⚯ ALCHEMICAL SYMBOL FOR ASHES  
     = cineres  
 1F758 ⚯ ALCHEMICAL SYMBOL FOR POT ASHES  
     = cineres clavellati, alumen  
 1F759 ⚰ ALCHEMICAL SYMBOL FOR BRICK  
 1F75A ⚱ ALCHEMICAL SYMBOL FOR POWDERED BRICK  
     = later cibratus, farina laterum  
 1F75B ⚲ ALCHEMICAL SYMBOL FOR AMALGAM  
 1F75C ⚳ ALCHEMICAL SYMBOL FOR STRATUM SUPER STRATUM  
 1F75D ⚴ ALCHEMICAL SYMBOL FOR STRATUM SUPER STRATUM-2

**Processes**

- 1F75E ⚵ ALCHEMICAL SYMBOL FOR SUBLIMATION  
     → 260A ⚵ ascending node  
     → 264E ⚵ libra  
 1F75F ⚶ ALCHEMICAL SYMBOL FOR PRECIPITATE  
 1F760 ⚷ ALCHEMICAL SYMBOL FOR DISTILL  
     = sublimate  
 1F761 ⚸ ALCHEMICAL SYMBOL FOR DISSOLVE  
 1F762 ⚹ ALCHEMICAL SYMBOL FOR DISSOLVE-2  
     = water, aqua  
 1F763 ⚺ ALCHEMICAL SYMBOL FOR PURIFY  
     → 260B ⚺ descending node  
 1F764 ⚻ ALCHEMICAL SYMBOL FOR PUTREFACTION

**Apparatus**

- 1F765 ⚽ ALCHEMICAL SYMBOL FOR CRUCIBLE  
     = tigillum  
     → 1F70A ⚽ alchemical symbol for vinegar  
 1F766 ⚾ ALCHEMICAL SYMBOL FOR CRUCIBLE-2  
 1F767 ⚿ ALCHEMICAL SYMBOL FOR CRUCIBLE-3  
 1F768 ⚾ ALCHEMICAL SYMBOL FOR CRUCIBLE-4  
     → 22A4 ⚾ down tack  
 1F769 ⚿ ALCHEMICAL SYMBOL FOR CRUCIBLE-5  
 1F76A ⚿ ALCHEMICAL SYMBOL FOR ALEMBIC  
 1F76B ⚿ ALCHEMICAL SYMBOL FOR BATH OF MARY  
     = balneum mariae  
 1F76C ⚿ ALCHEMICAL SYMBOL FOR BATH OF VAPOURS  
     = balneum vaporis  
 1F76D ⚿ ALCHEMICAL SYMBOL FOR RETORT  
     → 2697 ⚿ alembic

**Time**

- 1F76E ⚿ ALCHEMICAL SYMBOL FOR HOUR  
     → 231B ⚿ hourglass  
 1F76F ⚿ ALCHEMICAL SYMBOL FOR NIGHT  
 1F770 ⚿ ALCHEMICAL SYMBOL FOR DAY-NIGHT  
 1F771 ⚿ ALCHEMICAL SYMBOL FOR MONTH  
     = mensis  
     → 22A0 ⚿ squared times

**Measures**

- 1F772 ⚿ ALCHEMICAL SYMBOL FOR HALF DRAM  
     = drachma semis  
     → 0292 ⚿ latin small letter ezh

1F773 ₔ ALCHEMICAL SYMBOL FOR HALF OUNCE  
= uncia semis  
→ 2125 ₔ ounce sign

	1F78	1F79	1F7A	1F7B	1F7C	1F7D	1F7E	1F7F
0	◀	□	◊	★	▲	◆		
1	▲	■	+	✖	▲	✳		
2	▶	■	+	✖	▲	✳		
3	▼	■	+	✖	▲	✳		
4	•	□	+	✖	★	✳		
5	○	■	+	✳	★			
6	○	▣	+	✳	★			
7	○	•	+	✳	★			
8	○	•	×	✳	★			
9	○	◆	×	✳	★			
A	○	◊	×	✖	★			
B	○	◊	×	✳	★			
C	▪	◊	×	✳	★			
D	■	•	✖	✳	★			
E	□	•	✖	✳	★			
F	□	◆	★	✳	★			

*These geometric shapes originate from the Webdings/Wingdings collections.*

### Isosceles right triangles

- 1F780 ◀ BLACK LEFT-POINTING ISOSCELES RIGHT TRIANGLE  
→ 23F4 ◀ black medium left-pointing triangle
- 1F781 ▲ BLACK UP-POINTING ISOSCELES RIGHT TRIANGLE  
→ 23F6 ▲ black medium up-pointing triangle
- 1F782 ▶ BLACK RIGHT-POINTING ISOSCELES RIGHT TRIANGLE  
→ 23F5 ▶ black medium right-pointing triangle
- 1F783 ▼ BLACK DOWN-POINTING ISOSCELES RIGHT TRIANGLE  
→ 23F7 ▼ black medium down-pointing triangle

### Black circles

*Constitute a set as follows: 22C5, 2219, 1F784, 2022, 2981, 26AB, 25CF, and 2B24*

- 1F784 • BLACK SLIGHTLY SMALL CIRCLE

### White circles

*Adjective refers to the thickness of the ring.*

*Constitute a set as follows: 25CB, 2B58, 1F785..1F789.*

- 1F785 ○ MEDIUM BOLD WHITE CIRCLE  
→ 26AA ○ medium white circle
- 1F786 ○ BOLD WHITE CIRCLE  
= very heavy circle
- 1F787 ○ HEAVY WHITE CIRCLE
- 1F788 ○ VERY HEAVY WHITE CIRCLE
- 1F789 ○ EXTREMELY HEAVY WHITE CIRCLE

### White circles containing another black circle

*Constitute a set as follows: 2299, 1F78A, and 29BF*

- 1F78A ○ WHITE CIRCLE CONTAINING BLACK SMALL CIRCLE

### Target symbol

- 1F78B ◎ ROUND TARGET  
→ 25CE ◎ bullseye  
→ 29BE ◎ circled white bullet  
→ 2B57 ◎ heavy circle with circle inside

### Black squares

*Constitute a set as follows: 1F78C, 2B1D, 1F78D, 25AA, 25FE, 25FC, 25A0, and 2B1B*

- 1F78C • BLACK TINY SQUARE
- 1F78D ▪ BLACK SLIGHTLY SMALL SQUARE

### White squares

*Constitute a set as follows: 25A1, 1F78E..1F792*

- 1F78E □ LIGHT WHITE SQUARE
- 1F78F □ MEDIUM WHITE SQUARE
- 1F790 □ BOLD WHITE SQUARE  
= heavy white square
- 1F791 □ HEAVY WHITE SQUARE
- 1F792 □ VERY HEAVY WHITE SQUARE
- 1F793 □ EXTREMELY HEAVY WHITE SQUARE

### White squares containing another black square

*Constitute a set as follows: 1F794, 25A3, and 1F795*

- 1F794 □ WHITE SQUARE CONTAINING BLACK VERY SMALL SQUARE

- 1F795 □ WHITE SQUARE CONTAINING BLACK MEDIUM SQUARE

### Target symbol

- 1F796 □ SQUARE TARGET

### Black diamonds

*Constitute a set as follows: 1F797, 1F798, 2B29, 1F799, 2B25, and 25C6*

- 1F797 • BLACK TINY DIAMOND
- 1F798 • BLACK VERY SMALL DIAMOND
- 1F799 ♦ BLACK MEDIUM SMALL DIAMOND

### White diamonds containing another black diamond

*Constitute a set as follows: 1F79A, 25C8, and 1F79B*

- 1F79A ◇ WHITE DIAMOND CONTAINING BLACK VERY SMALL DIAMOND
- 1F79B ◇ WHITE DIAMOND CONTAINING BLACK MEDIUM DIAMOND

### Target symbol

- 1F79C ◇ DIAMOND TARGET

### Lozenges

*Constitute a set as follows: 1F79D, 1F79E, 2B2A, 1F79F, 2B27, 29EB, and 25CA*

- 1F79D • BLACK TINY LOZENGE
- 1F79E • BLACK VERY SMALL LOZENGE
- 1F79F ♦ BLACK MEDIUM SMALL LOZENGE

### White lozenge containing another black lozenge

- 1F7A0 ◇ WHITE LOZENGE CONTAINING BLACK SMALL LOZENGE

### Greek crosses

- 1F7A1 + THIN GREEK CROSS
- 1F7A2 + LIGHT GREEK CROSS
- 1F7A3 + MEDIUM GREEK CROSS
- 1F7A4 + BOLD GREEK CROSS
- 1F7A5 + VERY BOLD GREEK CROSS  
→ 271A + heavy greek cross
- 1F7A6 + VERY HEAVY GREEK CROSS
- 1F7A7 + EXTREMELY HEAVY GREEK CROSS

### Saltires

- 1F7A8 × THIN SALTIRE
- 1F7A9 × LIGHT SALTIRE  
→ 2613 X saltire
- 1F7AA × MEDIUM SALTIRE
- 1F7AB × BOLD SALTIRE
- 1F7AC × HEAVY SALTIRE
- 1F7AD × VERY HEAVY SALTIRE
- 1F7AE × EXTREMELY HEAVY SALTIRE

### Five spoked asterisks

- 1F7AF ★ LIGHT FIVE SPOKED ASTERISK
- 1F7B0 ★ MEDIUM FIVE SPOKED ASTERISK
- 1F7B1 ★ BOLD FIVE SPOKED ASTERISK
- 1F7B2 ★ HEAVY FIVE SPOKED ASTERISK
- 1F7B3 ★ VERY HEAVY FIVE SPOKED ASTERISK
- 1F7B4 ★ EXTREMELY HEAVY FIVE SPOKED ASTERISK

### Six spoked asterisks

- 1F7B5 ★ LIGHT SIX SPOKED ASTERISK
- 1F7B6 ★ MEDIUM SIX SPOKED ASTERISK
- 1F7B7 ★ BOLD SIX SPOKED ASTERISK

- 1F7B8 \* HEAVY SIX SPOKED ASTERISK  
   → 2731 \* heavy asterisk  
 1F7B9 \* VERY HEAVY SIX SPOKED ASTERISK  
 1F7BA \* EXTREMELY HEAVY SIX SPOKED ASTERISK

#### **Eight spoked asterisks**

- 1F7BB \* LIGHT EIGHT SPOKED ASTERISK  
   → 2733 \* eight spoked asterisk  
 1F7BC \* MEDIUM EIGHT SPOKED ASTERISK  
 1F7BD \* BOLD EIGHT SPOKED ASTERISK  
 1F7BE \* HEAVY EIGHT SPOKED ASTERISK  
 1F7BF \* VERY HEAVY EIGHT SPOKED ASTERISK

#### **Three pointed stars**

- 1F7C0 ▲ LIGHT THREE POINTED BLACK STAR  
 1F7C1 ▲ MEDIUM THREE POINTED BLACK STAR  
 1F7C2 ▲ THREE POINTED BLACK STAR  
 1F7C3 ▲ MEDIUM THREE POINTED PINWHEEL STAR

#### **Four pointed stars**

- 1F7C4 + LIGHT FOUR POINTED BLACK STAR  
 1F7C5 ♦ MEDIUM FOUR POINTED BLACK STAR  
 1F7C6 ♦ FOUR POINTED BLACK STAR  
   • 2726 ♦ is a cusp  
   → 2726 ♦ black four pointed star  
 1F7C7 ✤ MEDIUM FOUR POINTED PINWHEEL STAR  
 1F7C8 ✤ REVERSE LIGHT FOUR POINTED PINWHEEL  
   STAR  
   = navigate

#### **Five pointed stars**

*Constitute a set as follows: 1F7C9, 2605, 1F7CA, and 272F*

1F7C9 ★ LIGHT FIVE POINTED BLACK STAR  
 1F7CA ★ HEAVY FIVE POINTED BLACK STAR

#### **Six pointed stars**

*Constitute a set as follows: 2736, 1F7CB..1F7CD*

1F7CB ★ MEDIUM SIX POINTED BLACK STAR  
 1F7CC ★ HEAVY SIX POINTED BLACK STAR  
 1F7CD \* SIX POINTED PINWHEEL STAR

#### **Eight pointed stars**

*Constitute a set as follows: 2735, 1F7CE..1F7D1*

1F7CE \* MEDIUM EIGHT POINTED BLACK STAR  
   → 2737 \* eight pointed rectilinear black star  
 1F7CF \* HEAVY EIGHT POINTED BLACK STAR  
   → 2738 \* heavy eight pointed rectilinear black star  
 1F7D0 ● VERY HEAVY EIGHT POINTED BLACK STAR  
 1F7D1 ※ HEAVY EIGHT POINTED PINWHEEL STAR  
   → 2735 \* eight pointed pinwheel star

#### **Twelve pointed stars**

*Constitute a set as follows: 1F7D2, 2739, 1F7D3, and 1F7D4*

1F7D2 \* LIGHT TWELVE POINTED BLACK STAR  
 1F7D3 ● HEAVY TWELVE POINTED BLACK STAR  
 1F7D4 ※ HEAVY TWELVE POINTED PINWHEEL STAR

	1F80	1F81	1F82	1F83	1F84	1F85	1F86	1F87	1F88	1F89	1F8A	1F8B	1F8C	1F8D	1F8E	1F8F
0	←	←	←	←	↖	←	↖	↖	↖	↖	↖	↖	↖	↖	↖	↖
1	1F800	1F810	1F820	1F830	1F840	1F850	1F860	1F870	1F880	1F890	1F8A0					
2	→	→	→	→	↗	→	↗	↗	↗	↗	↗	↗	↗	↗	↗	↗
3	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
4	←	←	←	←	↙	←	↙	↙	↙	↙	↙	↙	↙	↙	↙	↙
5	↑	↑	↑	↑	↑	↗	↗	↗	↗	↗	↗	↗	↗	↗	↗	↗
6	→	→	→	→	↗	→	↘	↘	↘	↘	↘	↘	↘	↘	↘	↘
7	↓	↓	↓	↓	↓	↙	↙	↙	↙	↙	↙	↙	↙	↙	↙	↙
8	←	←	←	←		↖	↖	↖	↖	↖	↖	↖	↖	↖	↖	↖
9	↑	↑	↑	↑		↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑
A	→	→	→	→			→	→			→	→			→	→
B	↓	↓	↓	↓			↓	↓			↓	↓			↓	↓
C		←	←	←			↖	↖			■	□			■	□
D		↑	↑	↑			↗	↗			■	□			■	□
E		→	→	→			↘	↘			▪				▪	
F		↓	↓	↓			↙	↙			▪				▪	

**Arrows with triangle arrowheads**

- 1F800 ← LEFTWARDS ARROW WITH SMALL TRIANGLE ARROWHEAD  
 1F801 ↑ UPWARDS ARROW WITH SMALL TRIANGLE ARROWHEAD  
 1F802 → RIGHTWARDS ARROW WITH SMALL TRIANGLE ARROWHEAD  
 1F803 ↓ DOWNWARDS ARROW WITH SMALL TRIANGLE ARROWHEAD  
 1F804 ← LEFTWARDS ARROW WITH MEDIUM TRIANGLE ARROWHEAD  
 1F805 ↑ UPWARDS ARROW WITH MEDIUM TRIANGLE ARROWHEAD  
 1F806 → RIGHTWARDS ARROW WITH MEDIUM TRIANGLE ARROWHEAD  
 1F807 ↓ DOWNWARDS ARROW WITH MEDIUM TRIANGLE ARROWHEAD  
 1F808 ← LEFTWARDS ARROW WITH LARGE TRIANGLE ARROWHEAD  
 1F809 ↑ UPWARDS ARROW WITH LARGE TRIANGLE ARROWHEAD  
 1F80A → RIGHTWARDS ARROW WITH LARGE TRIANGLE ARROWHEAD  
 1F80B ↓ DOWNWARDS ARROW WITH LARGE TRIANGLE ARROWHEAD

**Arrows with equilateral triangle arrowheads**

- 1F810 ← LEFTWARDS ARROW WITH SMALL EQUILATERAL ARROWHEAD  
 1F811 ↑ UPWARDS ARROW WITH SMALL EQUILATERAL ARROWHEAD  
 1F812 → RIGHTWARDS ARROW WITH SMALL EQUILATERAL ARROWHEAD  
 1F813 ↓ DOWNWARDS ARROW WITH SMALL EQUILATERAL ARROWHEAD  
 1F814 ← LEFTWARDS ARROW WITH EQUILATERAL ARROWHEAD  
 1F815 ↑ UPWARDS ARROW WITH EQUILATERAL ARROWHEAD  
 1F816 → RIGHTWARDS ARROW WITH EQUILATERAL ARROWHEAD  
 1F817 ↓ DOWNWARDS ARROW WITH EQUILATERAL ARROWHEAD  
 1F818 ← HEAVY LEFTWARDS ARROW WITH EQUILATERAL ARROWHEAD  
 1F819 ↑ HEAVY UPWARDS ARROW WITH EQUILATERAL ARROWHEAD  
 1F81A → HEAVY RIGHTWARDS ARROW WITH EQUILATERAL ARROWHEAD  
 1F81B ↓ HEAVY DOWNWARDS ARROW WITH EQUILATERAL ARROWHEAD  
 1F81C ← HEAVY LEFTWARDS ARROW WITH LARGE EQUILATERAL ARROWHEAD  
 1F81D ↑ HEAVY UPWARDS ARROW WITH LARGE EQUILATERAL ARROWHEAD  
 1F81E → HEAVY RIGHTWARDS ARROW WITH LARGE EQUILATERAL ARROWHEAD  
 1F81F ↓ HEAVY DOWNWARDS ARROW WITH LARGE EQUILATERAL ARROWHEAD

**Triangle headed arrows with different shaft weights**

- 1F820 ← LEFTWARDS TRIANGLE-HEADED ARROW WITH NARROW SHAFT  
 1F821 ↑ UPWARDS TRIANGLE-HEADED ARROW WITH NARROW SHAFT  
 1F822 → RIGHTWARDS TRIANGLE-HEADED ARROW WITH NARROW SHAFT

- 1F823 ↓ DOWNWARDS TRIANGLE-HEADED ARROW WITH NARROW SHAFT  
 1F824 ← LEFTWARDS TRIANGLE-HEADED ARROW WITH MEDIUM SHAFT  
 1F825 ↑ UPWARDS TRIANGLE-HEADED ARROW WITH MEDIUM SHAFT  
 1F826 → RIGHTWARDS TRIANGLE-HEADED ARROW WITH MEDIUM SHAFT  
 1F827 ↓ DOWNWARDS TRIANGLE-HEADED ARROW WITH MEDIUM SHAFT  
 1F828 ← LEFTWARDS TRIANGLE-HEADED ARROW WITH BOLD SHAFT  
 1F829 ↑ UPWARDS TRIANGLE-HEADED ARROW WITH BOLD SHAFT  
 1F82A → RIGHTWARDS TRIANGLE-HEADED ARROW WITH BOLD SHAFT  
 1F82B ↓ DOWNWARDS TRIANGLE-HEADED ARROW WITH BOLD SHAFT  
 1F82C ← LEFTWARDS TRIANGLE-HEADED ARROW WITH HEAVY SHAFT  
 1F82D ↑ UPWARDS TRIANGLE-HEADED ARROW WITH HEAVY SHAFT  
 1F82E → RIGHTWARDS TRIANGLE-HEADED ARROW WITH HEAVY SHAFT  
 1F82F ↓ DOWNWARDS TRIANGLE-HEADED ARROW WITH HEAVY SHAFT  
 1F830 ← LEFTWARDS TRIANGLE-HEADED ARROW WITH VERY HEAVY SHAFT  
 1F831 ↑ UPWARDS TRIANGLE-HEADED ARROW WITH VERY HEAVY SHAFT  
 1F832 → RIGHTWARDS TRIANGLE-HEADED ARROW WITH VERY HEAVY SHAFT  
 1F833 ↓ DOWNWARDS TRIANGLE-HEADED ARROW WITH VERY HEAVY SHAFT

**Finger-post arrows**

- 1F834 ─ LEFTWARDS FINGER-POST ARROW  
 1F835 ┌ UPWARDS FINGER-POST ARROW  
 1F836 ─ RIGHTWARDS FINGER-POST ARROW  
 1F837 └ DOWNWARDS FINGER-POST ARROW

**Squared arrows**

- 1F838 ▲ LEFTWARDS SQUARED ARROW  
 1F839 ▲ UPWARDS SQUARED ARROW  
 1F83A ▲ RIGHTWARDS SQUARED ARROW  
 1F83B ▲ DOWNWARDS SQUARED ARROW

**Compressed arrows**

- 1F83C ▲ LEFTWARDS COMPRESSED ARROW  
 1F83D ▲ UPWARDS COMPRESSED ARROW  
 1F83E ▲ RIGHTWARDS COMPRESSED ARROW  
 1F83F ▲ DOWNWARDS COMPRESSED ARROW  
 1F840 ▲ LEFTWARDS HEAVY COMPRESSED ARROW  
 1F841 ▲ UPWARDS HEAVY COMPRESSED ARROW  
 1F842 ▲ RIGHTWARDS HEAVY COMPRESSED ARROW  
     → 27A7 ▲ squat black rightwards arrow  
 1F843 ▲ DOWNWARDS HEAVY COMPRESSED ARROW

**Heavy arrows**

- 1F844 ▲ LEFTWARDS HEAVY ARROW  
 1F845 ▲ UPWARDS HEAVY ARROW  
 1F846 ▲ RIGHTWARDS HEAVY ARROW  
 1F847 ▲ DOWNWARDS HEAVY ARROW

**Sans-serif arrows**

- 1F850 ← LEFTWARDS SANS-SERIF ARROW  
     → 2190 ← leftwards arrow

1F851	↑	UPWARDS SANS-SERIF ARROW → 2191 ↑ upwards arrow
1F852	→	RIGHTWARDS SANS-SERIF ARROW → 2192 → rightwards arrow
1F853	↓	DOWNTWARDS SANS-SERIF ARROW → 2193 ↓ downwards arrow
1F854	↖	NORTH WEST SANS-SERIF ARROW → 2196 ↖ north west arrow
1F855	↗	NORTH EAST SANS-SERIF ARROW → 2197 ↗ north east arrow
1F856	↘	SOUTH EAST SANS-SERIF ARROW → 2198 ↘ south east arrow
1F857	↙	SOUTH WEST SANS-SERIF ARROW → 2199 ↙ south west arrow
1F858	↔	LEFT RIGHT SANS-SERIF ARROW → 2194 ↔ left right arrow
1F859	↕	UP DOWN SANS-SERIF ARROW → 2195 ↕ up down arrow

**Wide-headed barb arrows**

1F860	←	WIDE-HEADED LEFTWARDS LIGHT BARB ARROW
1F861	↑	WIDE-HEADED UPWARDS LIGHT BARB ARROW
1F862	→	WIDE-HEADED RIGHTWARDS LIGHT BARB ARROW
1F863	↓	WIDE-HEADED DOWNTWARDS LIGHT BARB ARROW
1F864	↖	WIDE-HEADED NORTH WEST LIGHT BARB ARROW
1F865	↗	WIDE-HEADED NORTH EAST LIGHT BARB ARROW
1F866	↘	WIDE-HEADED SOUTH EAST LIGHT BARB ARROW
1F867	↙	WIDE-HEADED SOUTH WEST LIGHT BARB ARROW
1F868	←	WIDE-HEADED LEFTWARDS BARB ARROW
1F869	↑	WIDE-HEADED UPWARDS BARB ARROW
1F86A	→	WIDE-HEADED RIGHTWARDS BARB ARROW
1F86B	↓	WIDE-HEADED DOWNTWARDS BARB ARROW
1F86C	↖	WIDE-HEADED NORTH WEST BARB ARROW
1F86D	↗	WIDE-HEADED NORTH EAST BARB ARROW
1F86E	↘	WIDE-HEADED SOUTH EAST BARB ARROW
1F86F	↙	WIDE-HEADED SOUTH WEST BARB ARROW
1F870	←	WIDE-HEADED LEFTWARDS MEDIUM BARB ARROW
1F871	↑	WIDE-HEADED UPWARDS MEDIUM BARB ARROW
1F872	→	WIDE-HEADED RIGHTWARDS MEDIUM BARB ARROW → 2794 → heavy wide-headed rightwards arrow
1F873	↓	WIDE-HEADED DOWNTWARDS MEDIUM BARB ARROW
1F874	↖	WIDE-HEADED NORTH WEST MEDIUM BARB ARROW
1F875	↗	WIDE-HEADED NORTH EAST MEDIUM BARB ARROW
1F876	↘	WIDE-HEADED SOUTH EAST MEDIUM BARB ARROW
1F877	↙	WIDE-HEADED SOUTH WEST MEDIUM BARB ARROW
1F878	←	WIDE-HEADED LEFTWARDS HEAVY BARB ARROW
1F879	↑	WIDE-HEADED UPWARDS HEAVY BARB ARROW

1F87A	→	WIDE-HEADED RIGHTWARDS HEAVY BARB ARROW
1F87B	↓	WIDE-HEADED DOWNTWARDS HEAVY BARB ARROW
1F87C	↖	WIDE-HEADED NORTH WEST HEAVY BARB ARROW
1F87D	↗	WIDE-HEADED NORTH EAST HEAVY BARB ARROW
1F87E	↘	WIDE-HEADED SOUTH EAST HEAVY BARB ARROW
1F87F	↙	WIDE-HEADED SOUTH WEST HEAVY BARB ARROW
1F880	←	WIDE-HEADED LEFTWARDS VERY HEAVY BARB ARROW
1F881	↑	WIDE-HEADED UPWARDS VERY HEAVY BARB ARROW
1F882	→	WIDE-HEADED RIGHTWARDS VERY HEAVY BARB ARROW
1F883	↓	WIDE-HEADED DOWNTWARDS VERY HEAVY BARB ARROW
1F884	↖	WIDE-HEADED NORTH WEST VERY HEAVY BARB ARROW
1F885	↗	WIDE-HEADED NORTH EAST VERY HEAVY BARB ARROW
1F886	↘	WIDE-HEADED SOUTH EAST VERY HEAVY BARB ARROW
1F887	↙	WIDE-HEADED SOUTH WEST VERY HEAVY BARB ARROW

**Arrowheads**

1F890	↖	LEFTWARDS TRIANGLE ARROWHEAD
1F891	↑	UPWARDS TRIANGLE ARROWHEAD
1F892	↗	RIGHTWARDS TRIANGLE ARROWHEAD
1F893	↓	DOWNTWARDS TRIANGLE ARROWHEAD
1F894	↖	LEFTWARDS WHITE ARROW WITHIN TRIANGLE ARROWHEAD
1F895	↑	UPWARDS WHITE ARROW WITHIN TRIANGLE ARROWHEAD
1F896	↗	RIGHTWARDS WHITE ARROW WITHIN TRIANGLE ARROWHEAD
1F897	↓	DOWNTWARDS WHITE ARROW WITHIN TRIANGLE ARROWHEAD

**Notched arrows**

1F898	↖	LEFTWARDS ARROW WITH NOTCHED TAIL
1F899	↑	UPWARDS ARROW WITH NOTCHED TAIL
1F89A	→	RIGHTWARDS ARROW WITH NOTCHED TAIL → 27AF ⇒ notched lower right-shadowed white rightwards arrow
1F89B	↓	DOWNTWARDS ARROW WITH NOTCHED TAIL

**Heavy arrow shafts**

*The vertical alignment and thickness of this set are compatible with heavy shaft arrows.*

1F89C	▪	HEAVY ARROW SHAFT WIDTH ONE
1F89D	▪	HEAVY ARROW SHAFT WIDTH TWO THIRDS
1F89E	▪	HEAVY ARROW SHAFT WIDTH ONE HALF
1F89F	▪	HEAVY ARROW SHAFT WIDTH ONE THIRD

**Shaded white arrows**

1F8A0	↖	LEFTWARDS BOTTOM-SHADED WHITE ARROW
1F8A1	→	RIGHTWARDS BOTTOM SHADED WHITE ARROW
1F8A2	↖	LEFTWARDS TOP SHADED WHITE ARROW
1F8A3	→	RIGHTWARDS TOP SHADED WHITE ARROW
1F8A4	↖	LEFTWARDS LEFT-SHADED WHITE ARROW

- 1F8A5 ⇒ RIGHTWARDS RIGHT-SHADED WHITE ARROW  
   → 27A9 ⇌ right-shaded white rightwards arrow
- 1F8A6 ⇌ LEFTWARDS RIGHT-SHADED WHITE ARROW
- 1F8A7 ⇒ RIGHTWARDS LEFT-SHADED WHITE ARROW  
   → 27AA ⇌ left-shaded white rightwards arrow
- 1F8A8 ⇌ LEFTWARDS BACK-TILTED SHADOWED WHITE ARROW
- 1F8A9 ⇌ RIGHTWARDS BACK-TILTED SHADOWED WHITE ARROW  
   → 27AB ⇌ back-tilted shadowed white rightwards arrow
- 1F8AA ⇌ LEFTWARDS FRONT-TILTED SHADOWED WHITE ARROW
- 1F8AB ⇌ RIGHTWARDS FRONT-TILTED SHADOWED WHITE ARROW  
   → 27AC ⇌ front-tilted shadowed white rightwards arrow

**White arrow shafts**

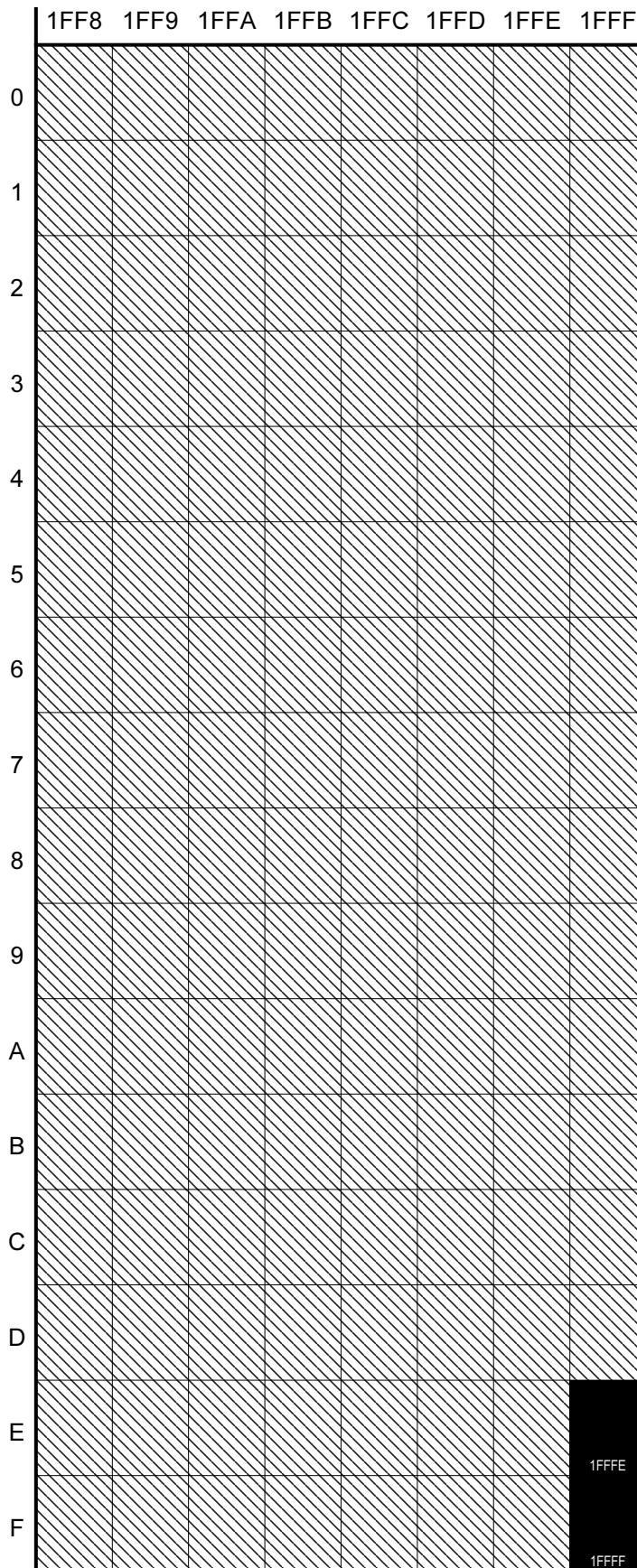
*The vertical alignment and thickness of this set are compatible with white arrows.*

- 1F8AC □ WHITE ARROW SHAFT WIDTH ONE
- 1F8AD □ WHITE ARROW SHAFT WIDTH TWO THIRDS

1FF80

Unassigned

1FFFF



1FFF

Unassigned

1FFF

**Noncharacters**

*These codes are intended for process-internal uses.*

1FFF  <not a character>

1FFF  <not a character>