

## Arabic Mathematical Alphabetic Symbols

Range: 1EE0–1EEF

This file contains an excerpt from the character code tables and list of character names for *The Unicode Standard, Version 11.0*

This file may be changed at any time without notice to reflect errata or other updates to the Unicode Standard.  
See <http://www.unicode.org/errata/> for an up-to-date list of errata.

See <http://www.unicode.org/charts/> for access to a complete list of the latest character code charts.  
See <http://www.unicode.org/charts/PDF/Unicode-11.0/> for charts showing only the characters added in Unicode 11.0.  
See <http://www.unicode.org/Public/11.0.0/charts/> for a complete archived file of character code charts for Unicode 11.0.

### Disclaimer

These charts are provided as the online reference to the character contents of the Unicode Standard, Version 11.0 but do not provide all the information needed to fully support individual scripts using the Unicode Standard. For a complete understanding of the use of the characters contained in this file, please consult the appropriate sections of The Unicode Standard, Version 11.0, online at <http://www.unicode.org/versions/Unicode11.0.0/>, as well as Unicode Standard Annexes #9, #11, #14, #15, #24, #29, #31, #34, #38, #41, #42, #44, #45, and #50, the other Unicode Technical Reports and Standards, and the Unicode Character Database, which are available online.

See <http://www.unicode.org/ucd/> and <http://www.unicode.org/reports/>

A thorough understanding of the information contained in these additional sources is required for a successful implementation.

### Fonts

The shapes of the reference glyphs used in these code charts are not prescriptive. Considerable variation is to be expected in actual fonts. The particular fonts used in these charts were provided to the Unicode Consortium by a number of different font designers, who own the rights to the fonts.

See <http://www.unicode.org/charts/fonts.html> for a list.

### Terms of Use

You may freely use these code charts for personal or internal business uses only. You may not incorporate them either wholly or in part into any product or publication, or otherwise distribute them without express written permission from the Unicode Consortium. However, you may provide links to these charts.

The fonts and font data used in production of these code charts may NOT be extracted, or used in any other way in any product or publication, without permission or license granted by the typeface owner(s).

The Unicode Consortium is not liable for errors or omissions in this file or the standard itself. Information on characters added to the Unicode Standard since the publication of the most recent version of the Unicode Standard, as well as on characters currently being considered for addition to the Unicode Standard can be found on the Unicode web site.

See <http://www.unicode.org/pending/pending.html> and <http://www.unicode.org/alloc/Pipeline.html>.

Copyright © 1991-2018 Unicode, Inc. All rights reserved.

	1EE0	1EE1	1EE2	1EE3	1EE4	1EE5	1EE6	1EE7	1EE8	1EE9	1EEA	1EEB	1EEC	1EED	1EEE	1EEF
0	ا 1EE00	فا 1EE10	ف 1EE30					فا 1EE70	م 1EE80	فه 1EE90	ف 1EEB0					مح 1EEF0
1	ب 1EE01	ص 1EE11	ب 1EE21	ص 1EE31		ص 1EE51	با 1EE61	صا 1EE71	بم 1EE81	صه 1EE91	ب 1EEA1	ص 1EEB1				حد 1EEF1
2	ج 1EE02	ق 1EE12	جا 1EE22	قا 1EE32	جا 1EE42	قا 1EE52	جا 1EE62	قا 1EE72	واج 1EE82	قه 1EE92	ج 1EEA2	ق 1EEB2				
3	د 1EE03	ر 1EE13							ه 1EE83	ره 1EE93	د 1EEA3	ر 1EEB3				
4		شي 1EE14	ها 1EE24	شا 1EE34		شي 1EE54	ها 1EE64	شا 1EE74	هه 1EE84	شه 1EE94		شي 1EEB4				
5	و 1EE05	تا 1EE15		تا 1EE35				تا 1EE75	وه 1EE85	ته 1EE95	و 1EEA5	ت 1EEB5				
6	ز 1EE06	شا 1EE16		شا 1EE36				شا 1EE76	زه 1EE86	شه 1EE96	ز 1EEA6	ش 1EEB6				
7	ح 1EE07	خ 1EE17	حا 1EE27	خا 1EE37	ح 1EE47	خ 1EE57	حا 1EE67	خا 1EE77	واج 1EE87	وه 1EE97	ح 1EEA7	خ 1EEB7				
8	ط 1EE08	ذا 1EE18					طا 1EE68		طه 1EE88	فه 1EE98	ط 1EEA8	ذ 1EEB8				
9	ي 1EE09	ضي 1EE19	ي 1EE29	ض 1EE39	ي 1EE49	ض 1EE59	يا 1EE69	ضا 1EE79	ي 1EE89	ضه 1EE99	ي 1EEA9	ض 1EEB9				
A	ك 1EE0A	ظ 1EE1A	كا 1EE2A				كا 1EE6A	ظا 1EE7A		ظه 1EE9A		ظ 1EEBA				
B	ل 1EE0B	غل 1EE1B	ل 1EE2B	غ 1EE3B	ل 1EE4B	غ 1EE5B		غا 1EE7B	له 1EE8B	غل 1EE9B	ل 1EEAB	غ 1EEBB				
C	م 1EE0C	سا 1EE1C	م 1EE2C				ما 1EE6C	سا 1EE7C	مه 1EE8C		م 1EEAC					
D	ن 1EE0D	ن 1EE1D	ند 1EE2D		ن 1EE4D	ن 1EE5D	نا 1EE6D		نه 1EE8D		ن 1EEAD					
E	س 1EE0E	فا 1EE1E	سا 1EE2E		س 1EE4E		سا 1EE6E	فا 1EE7E	سه 1EE8E		س 1EEAE					
F	ع 1EE0F	ف 1EE1F	عا 1EE2F		ع 1EE4F	ف 1EE5F	عا 1EE6F		وع 1EE8F		ع 1EEAF					

**Isolated symbols**

1EE00	ا	ARABIC MATHEMATICAL ALEF → FE8D ا arabic letter alef isolated form ≈ <font> 0627 ا arabic letter alef
1EE01	ب	ARABIC MATHEMATICAL BEH → FE8F ب arabic letter beh isolated form ≈ <font> 0628 ب arabic letter beh
1EE02	ج	ARABIC MATHEMATICAL JEEM → FE9D ج arabic letter jeem isolated form ≈ <font> 062C ج arabic letter jeem
1EE03	د	ARABIC MATHEMATICAL DAL → FEA9 د arabic letter dal isolated form ≈ <font> 062F د arabic letter dal
1EE04	◻	<reserved>
1EE05	و	ARABIC MATHEMATICAL WAW → FEED و arabic letter waw isolated form ≈ <font> 0648 و arabic letter waw
1EE06	ز	ARABIC MATHEMATICAL ZAIN → FEAF ز arabic letter zain isolated form ≈ <font> 0632 ز arabic letter zain
1EE07	ح	ARABIC MATHEMATICAL HAH → FEA1 ح arabic letter hah isolated form ≈ <font> 062D ح arabic letter hah
1EE08	ط	ARABIC MATHEMATICAL TAH → FEC1 ط arabic letter tah isolated form ≈ <font> 0637 ط arabic letter tah
1EE09	ي	ARABIC MATHEMATICAL YEH → FEF1 ي arabic letter yeh isolated form ≈ <font> 064A ي arabic letter yeh
1EE0A	ك	ARABIC MATHEMATICAL KAF → FED9 ك arabic letter kaf isolated form ≈ <font> 0643 ك arabic letter kaf
1EE0B	ل	ARABIC MATHEMATICAL LAM → FEDD ل arabic letter lam isolated form ≈ <font> 0644 ل arabic letter lam
1EE0C	م	ARABIC MATHEMATICAL MEEM → FEE1 م arabic letter meem isolated form ≈ <font> 0645 م arabic letter meem
1EE0D	ن	ARABIC MATHEMATICAL NOON → FEE5 ن arabic letter noon isolated form ≈ <font> 0646 ن arabic letter noon
1EE0E	س	ARABIC MATHEMATICAL SEEN → FEB1 س arabic letter seen isolated form ≈ <font> 0633 س arabic letter seen
1EE0F	ع	ARABIC MATHEMATICAL AIN → FEC9 ع arabic letter ain isolated form ≈ <font> 0639 ع arabic letter ain
1EE10	ف	ARABIC MATHEMATICAL FEH → FED1 ف arabic letter feh isolated form ≈ <font> 0641 ف arabic letter feh
1EE11	ص	ARABIC MATHEMATICAL SAD → FEB9 ص arabic letter sad isolated form ≈ <font> 0635 ص arabic letter sad
1EE12	ق	ARABIC MATHEMATICAL QAF → FED5 ق arabic letter qaf isolated form ≈ <font> 0642 ق arabic letter qaf
1EE13	ر	ARABIC MATHEMATICAL REH → FEAD ر arabic letter reh isolated form ≈ <font> 0631 ر arabic letter reh
1EE14	ش	ARABIC MATHEMATICAL SHEEN → FEB5 ش arabic letter sheen isolated form ≈ <font> 0634 ش arabic letter sheen

1EE15	ت	ARABIC MATHEMATICAL TEH → FE95 ت arabic letter teh isolated form ≈ <font> 062A ت arabic letter teh
1EE16	ث	ARABIC MATHEMATICAL THEH → FE99 ث arabic letter theh isolated form ≈ <font> 062B ث arabic letter theh
1EE17	خ	ARABIC MATHEMATICAL KHAH → FEA5 خ arabic letter khah isolated form ≈ <font> 062E خ arabic letter khah
1EE18	ذ	ARABIC MATHEMATICAL THAL → FEAB ذ arabic letter thal isolated form ≈ <font> 0630 ذ arabic letter thal
1EE19	ض	ARABIC MATHEMATICAL DAD → FEBD ض arabic letter dad isolated form ≈ <font> 0636 ض arabic letter dad
1EE1A	ظ	ARABIC MATHEMATICAL ZAH → FEC5 ظ arabic letter zah isolated form ≈ <font> 0638 ظ arabic letter zah
1EE1B	غ	ARABIC MATHEMATICAL GHAIN → FECD غ arabic letter ghain isolated form ≈ <font> 063A غ arabic letter ghain
1EE1C	ب	ARABIC MATHEMATICAL DOTLESS BEH → 066E ب arabic letter dotless beh ≈ <font> 066E ب arabic letter dotless beh
1EE1D	ن	ARABIC MATHEMATICAL DOTLESS NOON → FB9E ن arabic letter noon ghunna isolated form ≈ <font> 06BA ن arabic letter noon ghunna
1EE1E	ف	ARABIC MATHEMATICAL DOTLESS FEH → 06A1 ف arabic letter dotless feh ≈ <font> 06A1 ف arabic letter dotless feh
1EE1F	ق	ARABIC MATHEMATICAL DOTLESS QAF → 066F ق arabic letter dotless qaf ≈ <font> 066F ق arabic letter dotless qaf

**Initial symbols**

1EE21	ب	ARABIC MATHEMATICAL INITIAL BEH → FE91 : arabic letter beh initial form ≈ <font> 0628 ب arabic letter beh
1EE22	ج	ARABIC MATHEMATICAL INITIAL JEEM → FE9F ج arabic letter jeem initial form ≈ <font> 062C ج arabic letter jeem
1EE23	◻	<reserved>
1EE24	هـ	ARABIC MATHEMATICAL INITIAL HEH → FEED هـ arabic letter heh initial form ≈ <font> 0647 هـ arabic letter heh
1EE25	◻	<reserved>
1EE26	◻	<reserved>
1EE27	ح	ARABIC MATHEMATICAL INITIAL HAH → FEA3 ح arabic letter hah initial form ≈ <font> 062D ح arabic letter hah
1EE28	◻	<reserved>
1EE29	ي	ARABIC MATHEMATICAL INITIAL YEH → FEF3 ي arabic letter yeh initial form ≈ <font> 064A ي arabic letter yeh
1EE2A	ك	ARABIC MATHEMATICAL INITIAL KAF → FEDB ك arabic letter kaf initial form ≈ <font> 0643 ك arabic letter kaf
1EE2B	ل	ARABIC MATHEMATICAL INITIAL LAM → FEDF ل arabic letter lam initial form ≈ <font> 0644 ل arabic letter lam

1EE2C	م	ARABIC MATHEMATICAL INITIAL MEEM → FEE3 م arabic letter meem initial form ≈ <font> 0645 م arabic letter meem
1EE2D	ن	ARABIC MATHEMATICAL INITIAL NOON → FEE7 ن arabic letter noon initial form ≈ <font> 0646 ن arabic letter noon
1EE2E	س	ARABIC MATHEMATICAL INITIAL SEEN → FEB3 س arabic letter seen initial form ≈ <font> 0633 س arabic letter seen
1EE2F	ع	ARABIC MATHEMATICAL INITIAL AIN → FECB ع arabic letter ain initial form ≈ <font> 0639 ع arabic letter ain
1EE30	ف	ARABIC MATHEMATICAL INITIAL FEH → FED3 ف arabic letter feh initial form ≈ <font> 0641 ف arabic letter feh
1EE31	ض	ARABIC MATHEMATICAL INITIAL SAD → FEBB ض arabic letter sad initial form ≈ <font> 0635 ض arabic letter sad
1EE32	ق	ARABIC MATHEMATICAL INITIAL QAF → FED7 ق arabic letter qaf initial form ≈ <font> 0642 ق arabic letter qaf
1EE33		<reserved>
1EE34	ش	ARABIC MATHEMATICAL INITIAL SHEEN → FEB7 ش arabic letter sheen initial form ≈ <font> 0634 ش arabic letter sheen
1EE35	ت	ARABIC MATHEMATICAL INITIAL TEH → FE97 ت arabic letter teh initial form ≈ <font> 062A ت arabic letter teh
1EE36	ث	ARABIC MATHEMATICAL INITIAL THEH → FE9B ث arabic letter theh initial form ≈ <font> 062B ث arabic letter theh
1EE37	خ	ARABIC MATHEMATICAL INITIAL KHAH → FE97 خ arabic letter khah initial form ≈ <font> 062E خ arabic letter khah
1EE38		<reserved>
1EE39	د	ARABIC MATHEMATICAL INITIAL DAD → FEBF د arabic letter dad initial form ≈ <font> 0636 د arabic letter dad
1EE3A		<reserved>
1EE3B	غ	ARABIC MATHEMATICAL INITIAL GHAIN → FECF غ arabic letter ghain initial form ≈ <font> 063A غ arabic letter ghain

**Tailed symbols**

1EE42	ج	ARABIC MATHEMATICAL TAILED JEEM ≈ <font> 062C ج arabic letter jeem
1EE43		<reserved>
1EE44		<reserved>
1EE45		<reserved>
1EE46		<reserved>
1EE47	ح	ARABIC MATHEMATICAL TAILED HAH ≈ <font> 062D ح arabic letter hah
1EE48		<reserved>
1EE49	ي	ARABIC MATHEMATICAL TAILED YEH ≈ <font> 064A ي arabic letter yeh
1EE4A		<reserved>
1EE4B	ل	ARABIC MATHEMATICAL TAILED LAM ≈ <font> 0644 ل arabic letter lam
1EE4C		<reserved>
1EE4D	ن	ARABIC MATHEMATICAL TAILED NOON ≈ <font> 0646 ن arabic letter noon
1EE4E	س	ARABIC MATHEMATICAL TAILED SEEN ≈ <font> 0633 س arabic letter seen

1EE4F	ع	ARABIC MATHEMATICAL TAILED AIN ≈ <font> 0639 ع arabic letter ain
1EE50		<reserved>
1EE51	ص	ARABIC MATHEMATICAL TAILED SAD ≈ <font> 0635 ص arabic letter sad
1EE52	ق	ARABIC MATHEMATICAL TAILED QAF ≈ <font> 0642 ق arabic letter qaf
1EE53		<reserved>
1EE54	ش	ARABIC MATHEMATICAL TAILED SHEEN ≈ <font> 0634 ش arabic letter sheen
1EE55		<reserved>
1EE56		<reserved>
1EE57	خ	ARABIC MATHEMATICAL TAILED KHAH ≈ <font> 062E خ arabic letter khah
1EE58		<reserved>
1EE59	ض	ARABIC MATHEMATICAL TAILED DAD ≈ <font> 0636 ض arabic letter dad
1EE5A		<reserved>
1EE5B	غ	ARABIC MATHEMATICAL TAILED GHAIN ≈ <font> 063A غ arabic letter ghain
1EE5C		<reserved>
1EE5D	ن	ARABIC MATHEMATICAL TAILED DOTLESS NOON ≈ <font> 06BA ن arabic letter noon ghunna
1EE5E		<reserved>
1EE5F	ق	ARABIC MATHEMATICAL TAILED DOTLESS QAF ≈ <font> 066F ق arabic letter dotless qaf

**Stretched symbols**

1EE61	ب	ARABIC MATHEMATICAL STRETCHED BEH ≈ <font> 0628 ب arabic letter beh
1EE62	ج	ARABIC MATHEMATICAL STRETCHED JEEM ≈ <font> 062C ج arabic letter jeem
1EE63		<reserved>
1EE64	ه	ARABIC MATHEMATICAL STRETCHED HEH ≈ <font> 0647 ه arabic letter heh
1EE65		<reserved>
1EE66		<reserved>
1EE67	ا	ARABIC MATHEMATICAL STRETCHED HAH ≈ <font> 062D ا arabic letter hah
1EE68	ط	ARABIC MATHEMATICAL STRETCHED TAH ≈ <font> 0637 ط arabic letter tah
1EE69	ي	ARABIC MATHEMATICAL STRETCHED YEH ≈ <font> 064A ي arabic letter yeh
1EE6A	ك	ARABIC MATHEMATICAL STRETCHED KAF ≈ <font> 0643 ك arabic letter kaf
1EE6B		<reserved>
1EE6C	م	ARABIC MATHEMATICAL STRETCHED MEEM ≈ <font> 0645 م arabic letter meem
1EE6D	ن	ARABIC MATHEMATICAL STRETCHED NOON ≈ <font> 0646 ن arabic letter noon
1EE6E	س	ARABIC MATHEMATICAL STRETCHED SEEN ≈ <font> 0633 س arabic letter seen
1EE6F	ع	ARABIC MATHEMATICAL STRETCHED AIN ≈ <font> 0639 ع arabic letter ain
1EE70	ف	ARABIC MATHEMATICAL STRETCHED FEH ≈ <font> 0641 ف arabic letter feh
1EE71	ض	ARABIC MATHEMATICAL STRETCHED SAD ≈ <font> 0635 ض arabic letter sad
1EE72	ق	ARABIC MATHEMATICAL STRETCHED QAF ≈ <font> 0642 ق arabic letter qaf
1EE73		<reserved>

1EE74	شَا	ARABIC MATHEMATICAL STRETCHED SHEEN ≈ <font> 0634 ش arabic letter sheen
1EE75	تَا	ARABIC MATHEMATICAL STRETCHED TEH ≈ <font> 062A ت arabic letter teh
1EE76	ثَا	ARABIC MATHEMATICAL STRETCHED THEH ≈ <font> 062B ث arabic letter theh
1EE77	خَا	ARABIC MATHEMATICAL STRETCHED KHAH ≈ <font> 062E خ arabic letter khah
1EE78	Ⓢ	<reserved>
1EE79	دَا	ARABIC MATHEMATICAL STRETCHED DAD ≈ <font> 0636 ض arabic letter dad
1EE7A	ظَا	ARABIC MATHEMATICAL STRETCHED ZAH ≈ <font> 0638 ظ arabic letter zah
1EE7B	غَا	ARABIC MATHEMATICAL STRETCHED GHAIN ≈ <font> 063A غ arabic letter ghain
1EE7C	بَا	ARABIC MATHEMATICAL STRETCHED DOTLESS BEH ≈ <font> 066E ب arabic letter dotless beh
1EE7D	Ⓢ	<reserved>
1EE7E	فَا	ARABIC MATHEMATICAL STRETCHED DOTLESS FEH ≈ <font> 06A1 ف arabic letter dotless feh

**Looped symbols**

1EE80	ا	ARABIC MATHEMATICAL LOOPED ALEF ≈ <font> 0627 ا arabic letter alef
1EE81	ب	ARABIC MATHEMATICAL LOOPED BEH ≈ <font> 0628 ب arabic letter beh
1EE82	ج	ARABIC MATHEMATICAL LOOPED JEEM ≈ <font> 062C ج arabic letter jeem
1EE83	د	ARABIC MATHEMATICAL LOOPED DAL ≈ <font> 062F د arabic letter dal
1EE84	ه	ARABIC MATHEMATICAL LOOPED HEH ≈ <font> 0647 ه arabic letter heh
1EE85	و	ARABIC MATHEMATICAL LOOPED WAW ≈ <font> 0648 و arabic letter waw
1EE86	ز	ARABIC MATHEMATICAL LOOPED ZAIN ≈ <font> 0632 ز arabic letter zain
1EE87	ح	ARABIC MATHEMATICAL LOOPED HAH ≈ <font> 062D ح arabic letter hah
1EE88	ط	ARABIC MATHEMATICAL LOOPED TAH ≈ <font> 0637 ط arabic letter tah
1EE89	ي	ARABIC MATHEMATICAL LOOPED YEY ≈ <font> 064A ي arabic letter yeh
1EE8A	Ⓢ	<reserved>
1EE8B	ل	ARABIC MATHEMATICAL LOOPED LAM ≈ <font> 0644 ل arabic letter lam
1EE8C	م	ARABIC MATHEMATICAL LOOPED MEEM ≈ <font> 0645 م arabic letter meem
1EE8D	ن	ARABIC MATHEMATICAL LOOPED NOON ≈ <font> 0646 ن arabic letter noon
1EE8E	س	ARABIC MATHEMATICAL LOOPED SEEN ≈ <font> 0633 س arabic letter seen
1EE8F	ع	ARABIC MATHEMATICAL LOOPED AIN ≈ <font> 0639 ع arabic letter ain
1EE90	ف	ARABIC MATHEMATICAL LOOPED FEH ≈ <font> 0641 ف arabic letter feh
1EE91	ص	ARABIC MATHEMATICAL LOOPED SAD ≈ <font> 0635 ص arabic letter sad
1EE92	ق	ARABIC MATHEMATICAL LOOPED QAF ≈ <font> 0642 ق arabic letter qaf
1EE93	ر	ARABIC MATHEMATICAL LOOPED REH ≈ <font> 0631 ر arabic letter reh

1EE94	ش	ARABIC MATHEMATICAL LOOPED SHEEN ≈ <font> 0634 ش arabic letter sheen
1EE95	ت	ARABIC MATHEMATICAL LOOPED TEH ≈ <font> 062A ت arabic letter teh
1EE96	ث	ARABIC MATHEMATICAL LOOPED THEH ≈ <font> 062B ث arabic letter theh
1EE97	خ	ARABIC MATHEMATICAL LOOPED KHAH ≈ <font> 062E خ arabic letter khah
1EE98	ذ	ARABIC MATHEMATICAL LOOPED THAL ≈ <font> 0630 ذ arabic letter thal
1EE99	ض	ARABIC MATHEMATICAL LOOPED DAD ≈ <font> 0636 ض arabic letter dad
1EE9A	ظ	ARABIC MATHEMATICAL LOOPED ZAH ≈ <font> 0638 ظ arabic letter zah
1EE9B	غ	ARABIC MATHEMATICAL LOOPED GHAIN ≈ <font> 063A غ arabic letter ghain

**Double-struck symbols**

1EEA1	ب	ARABIC MATHEMATICAL DOUBLE-STRUCK BEH ≈ <font> 0628 ب arabic letter beh
1EEA2	ج	ARABIC MATHEMATICAL DOUBLE-STRUCK JEEM ≈ <font> 062C ج arabic letter jeem
1EEA3	د	ARABIC MATHEMATICAL DOUBLE-STRUCK DAL ≈ <font> 062F د arabic letter dal
1EEA4	Ⓢ	<reserved>
1EEA5	و	ARABIC MATHEMATICAL DOUBLE-STRUCK WAW ≈ <font> 0648 و arabic letter waw
1EEA6	ز	ARABIC MATHEMATICAL DOUBLE-STRUCK ZAIN ≈ <font> 0632 ز arabic letter zain
1EEA7	ح	ARABIC MATHEMATICAL DOUBLE-STRUCK HAH ≈ <font> 062D ح arabic letter hah
1EEA8	ط	ARABIC MATHEMATICAL DOUBLE-STRUCK TAH ≈ <font> 0637 ط arabic letter tah
1EEA9	ي	ARABIC MATHEMATICAL DOUBLE-STRUCK YEY ≈ <font> 064A ي arabic letter yeh
1EEAA	Ⓢ	<reserved>
1EEAB	ل	ARABIC MATHEMATICAL DOUBLE-STRUCK LAM ≈ <font> 0644 ل arabic letter lam
1EEAC	م	ARABIC MATHEMATICAL DOUBLE-STRUCK MEEM ≈ <font> 0645 م arabic letter meem
1EEAD	ن	ARABIC MATHEMATICAL DOUBLE-STRUCK NOON ≈ <font> 0646 ن arabic letter noon
1EEAE	س	ARABIC MATHEMATICAL DOUBLE-STRUCK SEEN ≈ <font> 0633 س arabic letter seen
1EEAF	ع	ARABIC MATHEMATICAL DOUBLE-STRUCK AIN ≈ <font> 0639 ع arabic letter ain
1EEB0	ف	ARABIC MATHEMATICAL DOUBLE-STRUCK FEH ≈ <font> 0641 ف arabic letter feh
1EEB1	ص	ARABIC MATHEMATICAL DOUBLE-STRUCK SAD ≈ <font> 0635 ص arabic letter sad
1EEB2	ق	ARABIC MATHEMATICAL DOUBLE-STRUCK QAF ≈ <font> 0642 ق arabic letter qaf
1EEB3	ر	ARABIC MATHEMATICAL DOUBLE-STRUCK REH ≈ <font> 0631 ر arabic letter reh

- 1EEB4 ش ARABIC MATHEMATICAL DOUBLE-STRUCK SHEEN  
 ≈ <font> 0634 ش arabic letter sheen
- 1EEB5 ت ARABIC MATHEMATICAL DOUBLE-STRUCK TEH  
 ≈ <font> 062A ت arabic letter teh
- 1EEB6 ث ARABIC MATHEMATICAL DOUBLE-STRUCK THEH  
 ≈ <font> 062B ث arabic letter theh
- 1EEB7 خ ARABIC MATHEMATICAL DOUBLE-STRUCK KHAH  
 ≈ <font> 062E خ arabic letter khah
- 1EEB8 ظ ARABIC MATHEMATICAL DOUBLE-STRUCK THAL  
 ≈ <font> 0630 ظ arabic letter thal
- 1EEB9 ض ARABIC MATHEMATICAL DOUBLE-STRUCK DAD  
 ≈ <font> 0636 ض arabic letter dad
- 1EEBA ظ ARABIC MATHEMATICAL DOUBLE-STRUCK ZAH  
 ≈ <font> 0638 ظ arabic letter zah
- 1EEBB غ ARABIC MATHEMATICAL DOUBLE-STRUCK GHAIN  
 ≈ <font> 063A غ arabic letter ghain

### Stretching operators

*The following operators stretch based on the width of the text that is displayed below or above them.*

- 1EEF0 م ARABIC MATHEMATICAL OPERATOR MEEM WITH HAH WITH TATWEEL  
 • used in Arabic mathematics to denote summation  
 • stretched at the tatweel  
 → 2211  $\sum$  n-ary summation
- 1EEF1 حد ARABIC MATHEMATICAL OPERATOR HAH WITH DAL  
 • used in Persian mathematics to denote limits  
 • stretched between the hah and the dal