### **Arabic Mathematical Alphabetic Symbols**

Range: 1EE00-1EEFF

This file contains an excerpt from the character code tables and list of character names for *The Unicode Standard, Version 15.0* 

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See https://www.unicode.org/charts/ for access to a complete list of the latest character code charts. See https://www.unicode.org/charts/PDF/Unicode-15.0/ for charts showing only the characters added in Unicode 15.0. See https://www.unicode.org/Public/15.0.0/charts/ for a complete archived file of character code charts for Unicode 15.0. See https://www.unicode.org/charts/About.html#Conventions for conventions used in these code charts, and other general information.

#### Disclaimer

These charts are provided as the online reference to the character contents of the Unicode Standard, Version 15.0 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 15.0, online at https://www.unicode.org/versions/Unicode15.0.0/, 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 https://www.unicode.org/ucd/ and https://www.unicode.org/reports/

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

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	1EE0	1EE1	1EE2	1EE3	1EE4	1EE5	1EE6	1EE7	1EE8	1EE9	1EEA	1EEB	1EEC	1EED	1EEE	1EEF
0	١	ف		ۏ				فا	٤	ف		ů				مح
1	1EE00	1EE10 ص	ز	1EE30		اااااا	با	1EE70	1EE80	1EE90 ص		1EEB0				1EEFO
	1EE01	1EE11	1EE21	1EE31		1EE51	1EE61	1EE71	1EE81	1EE91	1EEA1	1EEB1				1EEF1
2	TEE02	ق 1EE12	<b>&gt;</b>	1EE32	1EE42	ت 1EE52	1EE62	1EE72	JEE82	ق 1EE92	1EEA2	⊕ 1EEB2				
3	ے 1EE03	) 1EE13							<b>ئ</b> 1EE83	) 1EE93	□ 1EEA3	J 1EEB3				
4		ش	۵	ش		ش	ها	شا	• <b>&amp;</b>	ش		*				
5	و	1EE14 —	1EE24	1EE34		1EE54	1EE64	1EE74	1EE84	1EE94	9	1EEB4				
	1EE05	1EE15		1EE35				1EE75	1EE85	1EE95	1EEA5	1EEB5				
6	) 1EE06	ث 1EE16		<b>ث</b> 1EE36				1EE76	1EE86	1EE96	1EEA6	1EEB6				
7		i 1EE17	<b>&gt;</b>	خ	<u>ح</u>	; 1EE57	حا	خا		خ	1EEA7	1EEB7				
8	1EE07	<u>ن</u>	1EE27	1EE37	1EE47	IEES)	1EE67	1EE77	طه	1EE97	J.	\$				
9	1EE08	1EE18 ض	٦	ااااااا ض	اااااا ي	ااااااا ض	1EE68 ي	ضا	1EE88	1EE98 ض	1EEA8	1EEB8				
	1EE09	1EE19	1EE29	1EE39	1EE49	1EE59	1EE69	1EE79	1EE89	1EE99	1EEA9	1EEB9				
Α	4 1EE0A	ظ 1EE1A	5 1EE2A				1EE6A	ظا 1EE7A		ظه 1EE9A		1EEBA				
В	j	غ	ر	٤	J	ئ		غا	له	ع:	Û					
С	1EE0B	1EE1B	1EE2B	1EE3B	1EE4B	1EE5B	ما	1EE7B	1EE8B	1EE9B	1EEAB	1EEBB				
	1EE0C	1EE1C	1EE2C				1EE6C	1EE7C	n 1EE8C		1EEAC					
D	ن 1EE0D	U 1EE1D	1EE2D		1EE4D	<b>∼</b> 1EE5D	1EE6D		i 1EE8D		Ů 1EEAD					
Е	اس	45545	<b>بنر</b>		س		سا	ها	۳		J#					
F	1EE0E	1EE1E 	1EE2E		1EE4E	2 1EE5F	1EE6E 1EE6F	1EE7E	1EE8E		1EEAE					

Isolated symbols	1EE15 ~ ARABIC MATHEMATICAL TEH
Isolated symbols  1EE00 ARABIC MATHEMATICAL ALEF	→ FE95 ت arabic letter teh isolated form
	≈ <font> 062A ت arabic letter teh</font>
→ FE8D \ arabic letter alef isolated form ≈ <font> 0627 \ arabic letter alef</font>	1EE16 ARABIC MATHEMATICAL THEH
	→ FE99 ث arabic letter theh isolated form
1EE01 → ARABIC MATHEMATICAL BEH	≈ <font> 062B ث arabic letter theh</font>
→ FE8F ب arabic letter beh isolated form	1EE17 ARABIC MATHEMATICAL KHAH
arabic letter beh ب \$ <font> 0628 ب arabic letter beh</font>	→ FEA5 ÷ arabic letter khah isolated form
1EE02 TARABIC MATHEMATICAL JEEM	≈ <font> 062E ÷ arabic letter khah</font>
→ FE9D → arabic letter jeem isolated form	1EE18 - ARABIC MATHEMATICAL THAL
≈ <font> 062C → arabic letter jeem 1EE03 → ARABIC MATHEMATICAL DAL</font>	→ FEAB ¿ arabic letter thal isolated form
→ FEA9 a rabic letter dal isolated form	≈ <font> 0630 3 arabic letter that</font>
≈ <font> 062F • arabic letter dal</font>	1EE19 ض ARABIC MATHEMATICAL DAD
1EE04   Creserved>	عن arabic letter dad isolated form
1EE05 J ARABIC MATHEMATICAL WAW	arabic letter dad ض 1636≈ ≈ <
→ FEED, arabic letter waw isolated form	1EE1A 占 ARABIC MATHEMATICAL ZAH
$\approx$ <font> 0648 • arabic letter waw</font>	→ FEC5 ظ arabic letter zah isolated form
1EE06 CARABIC MATHEMATICAL ZAIN	≈ <font> 0638 ظ arabic letter zah</font>
→ FEAF; arabic letter zain isolated form	1EE1B E ARABIC MATHEMATICAL GHAIN
≈ <font> 0632; arabic letter zain</font>	→ FECD & arabic letter ghain isolated form
1EE07 C ARABIC MATHEMATICAL HAH	≈ <font> 063A ¿ arabic letter ghain</font>
→ FEA1 → arabic letter hah isolated form	1EE1C → ARABIC MATHEMATICAL DOTLESS BEH
≈ <font> 062D _ arabic letter hah</font>	$\rightarrow$ 066E $\sim$ arabic letter dotless beh
1EE08 ARABIC MATHEMATICAL TAH	$\approx$ <font> 066E <math>_{ullet}</math> arabic letter dotless beh</font>
→ FEC1 derivation → FEC1 arabic letter tah isolated form	1EE1D ∪ ARABIC MATHEMATICAL DOTLESS NOON
≈ <font> 0637 ط arabic letter tah</font>	ے arabic letter noon ghunna isolated ں → FB9E
1EE09 ي ARABIC MATHEMATICAL YEH	form
ع arabic letter yeh isolated form	≈ <font> 06BA ن arabic letter noon ghunna</font>
arabic letter yeh ی ≈ <font> 064A</font>	1EE1E · ARABIC MATHEMATICAL DOTLESS FEH
1EE0A 의 ARABIC MATHEMATICAL KAF	$\rightarrow$ 06A1 $\bullet$ arabic letter dotless feh
→ FED9 <u></u> arabic letter kaf isolated form	≈ <font> 06A1 • arabic letter dotless feh</font>
≈ <font> 0643 실 arabic letter kaf</font>	1EE1F • ARABIC MATHEMATICAL DOTLESS QAF
1EE0B し ARABIC MATHEMATICAL LAM	$\rightarrow$ 066F $\sigma$ arabic letter dotless qaf
$\rightarrow$ FEDD $\int$ arabic letter lam isolated form	$\approx$ <font> 066F <math>\omega</math> arabic letter dotless qaf</font>
$\approx$ <font> 0644 <math>\cup</math> arabic letter lam</font>	Initial symbols
1EE0C ARABIC MATHEMATICAL MEEM	1EE21 ∹ ARABIC MATHEMATICAL INITIAL BEH
→ FEE1 م arabic letter meem isolated form	$\rightarrow$ FE91 $\stackrel{.}{\cdot}$ arabic letter beh initial form
≈ <font> 0645 arabic letter meem</font>	pprox <font> 0628 ب arabic letter beh
1EE0D O ARABIC MATHEMATICAL NOON	1EE22 🗻 ARABIC MATHEMATICAL INITIAL JEEM
→ FEE5 ن arabic letter noon isolated form	$\rightarrow$ FE9F $\Rightarrow$ arabic letter jeem initial form
≈ <font> 0646 ن arabic letter noon</font>	≈ <font> 062C <math>\rightarrow</math> arabic letter jeem</font>
1EE0E ~ ARABIC MATHEMATICAL SEEN	1EE23 S <reserved></reserved>
arabic letter seen isolated form من arabic letter seen	1EE24 ARABIC MATHEMATICAL INITIAL HEH
arabic letter seen س 6633 < seen اEE0F خ ARABIC MATHEMATICAL AIN	→ FEEB a arabic letter heh initial form
	≈ <font> 0647 ♠ arabic letter heh</font>
→ FEC9 运 arabic letter ain isolated form ≈ <font> 0639 ç arabic letter ain</font>	1EE25 < reserved>
م دان الله کام	1EE26 S <reserved></reserved>
$\rightarrow$ FED1 $\stackrel{\bullet}{\omega}$ arabic letter feh isolated form	1EE27 > ARABIC MATHEMATICAL INITIAL HAH
arabic letter feh ف  ≈ <font> 0641 ف arabic letter feh</font>	→ FEA3 → arabic letter hah initial form
ARABIC MATHEMATICAL SAD ص 1EE11	≈ <font> 062D → arabic letter hah</font>
→ FEB9 ص arabic letter sad isolated form	1EE28 Served> 1EE29 - ARABIC MATHEMATICAL INITIAL YEH
arabic letter sad ص <font> 0635 عند المعادة المعادة</font>	
arabic MATHEMATICAL QAF ق 1EE12	→ FEF3 _ arabic letter yeh initial form
→ FED5 <b>ö</b> arabic letter gaf isolated form	≈ <font> 064A ي arabic letter yeh 1EE2A ✓ ARABIC MATHEMATICAL INITIAL KAF</font>
≈ <font> 0642 ق arabic letter qaf</font>	→ FEDB S arabic letter kaf initial form
1EE13 ARABIC MATHEMATICAL REH	≈ <font> 0643 ڬ arabic letter kaf</font>
→ FEAD , arabic letter reh isolated form	1EE2B ARABIC MATHEMATICAL INITIAL LAM
≈ <font> 0631 , arabic letter reh</font>	→ FEDF J arabic letter lam initial form
1EE14 ش ARABIC MATHEMATICAL SHEEN	
	≈ <font> 0644 ∫ arabic letter lam</font>

→ FEB5  $\dot{m}$  arabic letter sheen isolated form  $\approx$  <font> 0634  $\dot{m}$  arabic letter sheen

1EE2C ♪	ARABIC MATHEMATICAL INITIAL MEEM	1EE4F	۶	ARABIC MATHEMATICAL TAILED AIN
	→ FEE3 م arabic letter meem initial form		$\sim$	≈ <font> 0639 ۶ arabic letter ain</font>
	≈ <font> 0645 م arabic letter meem</font>	1EE50		<reserved></reserved>
ن 1EE2D	ARABIC MATHEMATICAL INITIAL NOON	1EE51	ص	ARABIC MATHEMATICAL TAILED SAD
	→ FEE7; arabic letter noon initial form			≈ <font> 0635 ص arabic letter sad</font>
	≈ <font> 0646 ن arabic letter noon</font>	1EE52	ق	ARABIC MATHEMATICAL TAILED QAF
1EE2E ~	ARABIC MATHEMATICAL INITIAL SEEN			≈ <font> 0642 ق arabic letter qaf</font>
	→ FEB3 arabic letter seen initial form			<reserved></reserved>
45505 6	≈ <font> 0633 س arabic letter seen</font>	1EE54	ۺ	ARABIC MATHEMATICAL TAILED SHEEN
1EE2F	ARABIC MATHEMATICAL INITIAL AIN	45555	<i>~</i>	arabic letter sheen ش <font> 0634 ≈</font>
	→ FECB • arabic letter ain initial form			<reserved></reserved>
ف 1⊑⊑30	≈ <font> 0639 ⊱ arabic letter ain  ARABIC MATHEMATICAL INITIAL FEH</font>			<pre><reserved></reserved></pre>
TLL50	→ FED3 • arabic letter feh initial form	IEE31	$\sim$	ARABIC MATHEMATICAL TAILED KHAH
	$\approx$ <font> 0641 <b>•••</b> arabic letter feh</font>	1FF58	<i>(2)</i>	≈ <font> 062E ÷ arabic letter khah <reserved></reserved></font>
1EE31 -	ARABIC MATHEMATICAL INITIAL SAD			ARABIC MATHEMATICAL TAILED DAD
	→ FEBB ⊶ arabic letter sad initial form	ILLOS	,0	≈ <font> 0636 ض arabic letter dad</font>
	≈ <font> 0635 ص arabic letter sad</font>	1EE5A		<reserved></reserved>
ق 1EE32	ARABIC MATHEMATICAL INITIAL QAF			ARABIC MATHEMATICAL TAILED GHAIN
	ightarrow FED7 ق $lpha$ arabic letter qaf initial form		$\sim$	≈ <font> 063A ∳ arabic letter ghain</font>
_	≈ <font> 0642 <math>\ddot{o}</math> arabic letter qaf</font>	1EE5C		<reserved></reserved>
	<reserved></reserved>	1EE5D	2	ARABIC MATHEMATICAL TAILED DOTLESS
1EE34 🏯	ARABIC MATHEMATICAL INITIAL SHEEN			NOON
	arabic letter sheen initial form شد FEB7			≈ <font> 06BA ں arabic letter noon ghunna</font>
45505 "	≈ <font> 0634 ش arabic letter sheen</font>			<reserved></reserved>
1EE35 -	ARABIC MATHEMATICAL INITIAL TEH	1EE5F	ۍ	ARABIC MATHEMATICAL TAILED DOTLESS QAF
	→ FE97 3 arabic letter teh initial form			$\approx$ <font> 066F <math>o</math> arabic letter dotless qaf</font>
1EE36 🕏	≈ <font> 062A □ arabic letter teh  ARABIC MATHEMATICAL INITIAL THEH</font>	Stretc	hed	symbols
TLL30	→ FE9B; arabic letter theh initial form	1EE61	با	ARABIC MATHEMATICAL STRETCHED BEH
	$\approx$ <font> 062B ث arabic letter theh</font>			≈ <font> 0628 ب arabic letter beh</font>
خ 1FF37 خ	ARABIC MATHEMATICAL INITIAL KHAH	1EE62	جا	ARABIC MATHEMATICAL STRETCHED JEEM
	→ FEA7 ≈ arabic letter khah initial form			≈ <font> 062C → arabic letter jeem</font>
	≈ <font> 062E ÷ arabic letter khah</font>	1EE63		<reserved></reserved>
1EE38 🔘	<reserved></reserved>	1EE64	ها	ARABIC MATHEMATICAL STRETCHED HEH
	ARABIC MATHEMATICAL INITIAL DAD	15565	<i>(17)</i>	≈ <font> 0647 ▲ arabic letter heh</font>
	ightarrow FEBF خنه arabic letter dad initial form	1556		<reserved></reserved>
	≈ <font> 0636 ض arabic letter dad</font>	1EE67		<reserved> ARABIC MATHEMATICAL STRETCHED HAH</reserved>
	<reserved></reserved>	IEE01	_	
ع 1EE3B	ARABIC MATHEMATICAL INITIAL GHAIN	1FF68	طا	≈ <font> 062D → arabic letter hah ARABIC MATHEMATICAL STRETCHED TAH</font>
	→ FECF → arabic letter ghain initial form	ILLOO		≈ <font> 0637 darabic letter tah</font>
	≈ <font> 063A غ arabic letter ghain</font>	1EE69	یا	ARABIC MATHEMATICAL STRETCHED YEH
Tailed syn	nbols			~ <font> 06/A .c. arabic letter yeb</font>
ج 1EE42	ARABIC MATHEMATICAL TAILED JEEM	1EE6A	کا	ARABIC MATHEMATICAL STRETCHED KAF
	≈ <font> 062C → arabic letter jeem</font>			≈ <font> 0643 ڬ arabic letter kaf</font>
1EE43	<reserved></reserved>	1EE6B		<reserved></reserved>
	<reserved></reserved>	1EE6C	ما	
	<reserved></reserved>		1.	≈ <font> 0645 م arabic letter meem</font>
_	<pre><reserved></reserved></pre>	1EE6D	U	ARABIC MATHEMATICAL STRETCHED NOON
IEE4/	ARABIC MATHEMATICAL TAILED HAH	15505	1	≈ <font> 0646 ن arabic letter noon</font>
15548	≈ <font> 062D _ arabic letter hah</font>	1EE6E	س	ARABIC MATHEMATICAL STRETCHED SEEN
	<reserved> ARABIC MATHEMATICAL TAILED YEH</reserved>	15565	عا	≈ <font> 0633 س arabic letter seen ARABIC MATHEMATICAL STRETCHED AIN</font>
12270	≈ <font> 064A &amp; arabic letter yeh</font>	ILEUF	_	$\approx$ <font> 0639 <math>\epsilon</math> arabic letter ain</font>
1FF4A 🚫	<pre><reserved></reserved></pre>	1EE70	فا	ARABIC MATHEMATICAL STRETCHED FEH
	ARABIC MATHEMATICAL TAILED LAM	12210		$\approx$ <font> 0641 <math>\stackrel{\bullet}{\omega}</math> arabic letter feh</font>
•	≈ <font> 0644 J arabic letter lam</font>	1EF71	صا	ARABIC MATHEMATICAL STRETCHED SAD
1EE4C 🔘	<reserved></reserved>			
	ARABIC MATHEMATICAL TAILED NOON	1EE72	قا	≈ <font> 0635 ص arabic letter sad ARABIC MATHEMATICAL STRETCHED QAF</font>
	≈ <font> 0646 ن arabic letter noon</font>			≈ <font> 0642 ق arabic letter qaf</font>
√ 1EE4E	ARABIC MATHEMATICAL TAILED SEEN	1EE73		<reserved></reserved>
	≈ <font> 0633 → arabic letter seen</font>		_	

pprox <font> 0633 س arabic letter seen

شا 1EE74	ARABIC MATHEMATICAL STRETCHED SHEEN	ش 1EE94	ARABIC MATHEMATICAL LOOPED SHEEN
1	arabic letter sheen ش 634 < <font< td=""><td></td><td>≈ <font> 0634 ش arabic letter sheen</font></td></font<>		≈ <font> 0634 ش arabic letter sheen</font>
تا 1EE75	ARABIC MATHEMATICAL STRETCHED TEH	ت 1EE95	ARABIC MATHEMATICAL LOOPED TEH
14	≈ <font> 062A ت arabic letter teh</font>		≈ <font> 062A ت arabic letter teh</font>
ثا 1EE76	ARABIC MATHEMATICAL STRETCHED THEH	1EE96 🗢	ARABIC MATHEMATICAL LOOPED THEH
	$\approx$ <font> 062B <math>\overset{\bullet}{\omega}</math> arabic letter theh</font>		≈ <font> 062B ث arabic letter theh</font>
خا 1EE77	ARABIC MATHEMATICAL STRETCHED KHAH	خ 1EE97	ARABIC MATHEMATICAL LOOPED KHAH
	$\approx$ <font> 062E <math>\neq</math> arabic letter khah</font>		≈ <font> 062E ÷ arabic letter khah</font>
1EE78 🔘	<reserved></reserved>	ذ 1EE98	ARABIC MATHÈMATICAL LOOPED THAL
ضا 1EE79	ARABIC MATHEMATICAL STRETCHED DAD		pprox <font> 0630 ذ arabic letter thal</font>
	≈ <font> 0636 ض arabic letter dad</font>	ض 1EE99	ARABIC MATHEMATICAL LOOPED DAD
ظا 1EE7A	ARABIC MATHEMATICAL STRETCHED ZAH		≈ <font> 0636 ض arabic letter dad</font>
	≈ <font> 0638 ڬ arabic letter zah</font>	ظه 1EE9A	ARABIC MATHEMATICAL LOOPED ZAH
عا 1EE7B	ARABIC MATHEMATICAL STRETCHED GHAIN		≈ <font> 0638 ظ arabic letter zah</font>
	≈ <font> 063A ¿ arabic letter ghain</font>	ے 1EE9B	ARABIC MATHEMATICAL LOOPED GHAIN
ا 1EE7C	ARABIC MATHEMATICAL STRETCHED DOTLESS	_	≈ <font> 063A ¿ arabic letter ghain</font>
	BEH	Double-st	ruck symbols
_	$pprox$ <font> 066E <math>oldsymbol{\omega}</math> arabic letter dotless beh</font>		ARABIC MATHEMATICAL DOUBLE-STRUCK BEH
	<reserved></reserved>	ILLAI 🤟	≈ <font> 0628 • arabic letter beh</font>
1EE7E 🚇	ARABIC MATHEMATICAL STRETCHED DOTLESS	1FFΔ2 ₹	ARABIC MATHEMATICAL DOUBLE-STRUCK
	FEH	ILLAZ (*	JEEM
	$\approx$ <font> 06A1 <math>\bullet</math> arabic letter dotless feh</font>		× ==:::
Looped sy	ymbols	1EEA3	≈ <font> 062C → arabic letter jeem  ARABIC MATHEMATICAL DOUBLE-STRUCK DAL</font>
1EE80 h	ARABIC MATHEMATICAL LOOPED ALEF		≈ <font> 062F ≥ arabic letter dal</font>
	≈ <font> 0627 Larabic letter alef</font>	1EEA4 🔯	<reserved></reserved>
به 1EE81	ARABIC MATHEMATICAL LOOPED BEH		ARABIC MATHEMATICAL DOUBLE-STRUCK
	≈ <font> 0628 ب arabic letter beh</font>		WAW
1EE82 🧞	ARABIC MATHEMATICAL LOOPED JEEM		≈ <font> 0648 • arabic letter waw</font>
•	≈ <font> 062C → arabic letter jeem</font>	1EEA6	ARABIC MATHÉMATICAL DOUBLE-STRUCK
4 1EE83	ARABIC MATHEMATICAL LOOPED DAL		ZAIN
	≈ <font> 062F ≥ arabic letter dal</font>		≈ <font> 0632 ; arabic letter zain</font>
1EE84 🌣	ARABIC MATHEMATICAL LOOPED HEH	1EEA7 T	
	≈ <font> 0647 ▲ arabic letter heh</font>		HAH
1EE85 🎐	ARABIC MATHEMATICAL LOOPED WAW	15540	≈ <font> 062D → arabic letter hah</font>
	$\approx$ <font> 0648 <math>_{ extstyle 9}</math> arabic letter waw</font>	1EEA8 🤟	ARABIC MATHEMATICAL DOUBLE-STRUCK TAH
ز 1EE86	ARABIC MATHEMATICAL LOOPED ZAIN	45540	≈ <font> 0637 ⊿ arabic letter tah</font>
	≈ <font> 0632 j arabic letter zain</font>	IEEA9 🤤	ARABIC MATHEMATICAL DOUBLE-STRUCK YEH
ے 1EE87		1FF	≈ <font> 064A ي arabic letter yeh</font>
	≈ <font> 062D → arabic letter hah</font>		<pre><reserved></reserved></pre>
طه 1EE88	ARABIC MATHÈMATICAL LOOPED TAH	TEEAB J	ARABIC MATHEMATICAL DOUBLE-STRUCK LAM
	$\approx$ <font> 0637 <math>\checkmark</math> arabic letter tah</font>		≈ <font> 0644</font>
ي 1EE89	ARABIC MATHEMATICAL LOOPED YEH	1EEAC	
_	≈ <font> 064A ي arabic letter yeh</font>	ILLAC	ARABIC MATHEMATICAL DOUBLE-STRUCK MEEM
	<reserved></reserved>		≈ <font> 0645 م arabic letter meem</font>
له 1EE8B	ARABIC MATHEMATICAL LOOPED LAM	ڭ 1EEAD	ARABIC MATHEMATICAL DOUBLE-STRUCK
	$\approx$ <font> 0644 <math>\cup</math> arabic letter lam</font>	122,13	NOON
ې 1EE8C	ARABIC MATHEMATICAL LOOPED MEEM		≈ <font> 0646 ن arabic letter noon</font>
	≈ <font> 0645 م arabic letter meem</font>	س 1EEAE	ARABIC MATHEMATICAL DOUBLE-STRUCK
ن 1EE8D	ARABIC MATHEMATICAL LOOPED NOON		SEEN
	≈ <font> 0646 ن arabic letter noon</font>		arabic letter seen س 6333 ≈
س 1EE8E	ARABIC MATHEMATICAL LOOPED SEEN	1EEAF 🤚	ARABIC MATHEMATICAL DOUBLE-STRUCK AIN
4==0= G	≈ <font> 0633 س arabic letter seen</font>		≈ <font> 0639 و arabic letter ain</font>
ے 1EE8F	ARABIC MATHEMATICAL LOOPED AIN	1EEB0 🎐	ARABIC MATHEMATICAL DOUBLE-STRUCK FEH
	≈ <font> 0639 <math>\geq</math> arabic letter ain</font>		≈ <font> 0641 ف arabic letter feh</font>
□ 1EE90	ARABIC MATHEMATICAL LOOPED FEH	1EEB1 🥜	ARABIC MATHEMATICAL DOUBLE-STRUCK SAD
	$\approx$ <font> 0641 <math>\stackrel{\bullet}{\bullet}</math> arabic letter feh</font>		≈ <font> 0635 ص arabic letter sad</font>
ص 1EE91	ARABIC MATHEMATICAL LOOPED SAD	ق 1EEB2	ARABIC MATHEMATICAL DOUBLE-STRUCK QAF
45500	≈ <font> 0635</font>		$\approx$ <font> 0642 <math>\ddot{o}</math> arabic letter qaf</font>
ق 1EE92	ARABIC MATHEMATICAL LOOPED QAF	1EEB3	ARABIC MATHEMATICAL DOUBLE-STRUCK REH
	≈ <font> 0642 , arabic letter gaf</font>		~ font 0631 arabic lotter rob

 $\approx$  <font> 0631 , arabic letter reh

 $\approx$  <font> 0642  $\undelta$  arabic letter qaf

1EEB4	ů	ARABIC MATHEMATICAL DOUBLE-STRUCK
		SHEEN

 $\approx$  <font> 0634  $\stackrel{*}{\Rightarrow}$  arabic letter sheen

1EEB5 

ARABIC MATHEMATICAL DOUBLE-STRUCK TEH

≈ <font> 062A 

arabic letter teh

1EEB6 ARABIC MATHEMATICAL DOUBLE-STRUCK THEH

≈ <font> 062B ث arabic letter theh

1EEB7 C ARABIC MATHEMATICAL DOUBLE-STRUCK KHAH

≈ <font> 062E ≠ arabic letter khah

1EEB8 ARABIC MATHEMATICAL DOUBLE-STRUCK THAL

pprox <font> 0630 خ arabic letter thal

1EEB9 ARABIC MATHEMATICAL DOUBLE-STRUCK

 $\approx$  <font> 0636 ض arabic letter dad

1EEBA ♣ ARABIC MATHEMATICAL DOUBLE-STRUCK ZAH ≈ <font> 0638 ಈ arabic letter zah

1EEBB ARABIC MATHEMATICAL DOUBLE-STRUCK GHAIN

pprox <font> 063A  $\dot{z}$  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

- used in Arabic mathematics to denote summation
- stretched at the tatweel
- $\rightarrow$  2211  $\sum$  n-ary summation

## 1EEF1 → ARABIC MATHEMATICAL OPERATOR HAH WITH DAL

- used in Persian mathematics to denote limits
- stretched between the hah and the dal