Math symbols defined by LaTeX package «amssymb»

No.	Text	Math	Macro	Category	Requirements	Comments
000A5	¥	¥	\yen	mathord	amsfonts	YEN SIGN
000AE	®	®	\circledR	mathord	amsfonts	REGISTERED SIGN
000F0	ð	ð	\eth	mathalpha	amssymb arevmath	eth
00302	x̂	$(\widehat{x})$	\hat	mathaccent		# \widehat (amssymb), circumflex accent
0030A	x̊	$\mathring{x}$	\mathring	mathaccent	amssymb	= \ring (yhmath), ring
003DC	F	$\digamma$	\digamma	mathalpha	amssymb -wrisym	= \Digamma (wrisym), capital digamma
003F6	϶	϶	\backepsilon	mathord	amssymb wrisym	GREEK REVERSED LUNATE EPSILON SYMBOL
02035	‵	‵	\backprime	mathord	amssymb	reverse prime, not superscripted
02102	ℂ	ℂ	\mathbb{C}	mathalpha	mathbb	= \mathds{C} (dsfont), open face C
0210C	ℌ	ℌ	\mathfrak{H}	mathalpha	eufrak	/frak H, black-letter capital H
0210D	ℍ	ℍ	\mathbb{H}	mathalpha	mathbb	= \mathds{H} (dsfont), open face capital H
0210F	ℏ	ℏ	\hslash	mathalpha	amssymb fourier arevmath	=\HBar (wrisym), Planck's h over 2pi
02111	ℑ	ℑ	\Im	mathalpha		= \mathfrak{I} (eufrak), imaginary part
02115	ℕ	ℕ	\mathbb{N}	mathalpha	mathbb	= \mathds{N} (dsfont), open face N
02118	℘	℘	\wp	mathalpha	amssymb	weierstrass p
02119	ℙ	ℙ	\mathbb{P}	mathalpha	mathbb	= \mathds{P} (dsfont), open face P
0211A	ℚ	ℚ	\mathbb{Q}	mathalpha	mathbb	= \mathds{Q} (dsfont), open face Q
0211C	ℜ	ℜ	\Re	mathalpha		= \mathfrak{R} (eufrak), real part
0211D	ℝ	ℝ	\mathbb{R}	mathalpha	mathbb	= \mathds{R} (dsfont), open face R
02124	ℤ	ℤ	\mathbb{Z}	mathalpha	mathbb	= \mathds{Z} (dsfont), open face Z
02127	℧	℧	\mho	mathord	amsfonts arevmath	= \Mho (wrisym), t \agemO (wasysym), conductance
02128	ℨ	ℨ	\mathfrak{Z}	mathalpha	eufrak	/frak Z, black-letter capital Z
0212D	ℭ	ℭ	\mathfrak{C}	mathalpha	eufrak	black-letter capital C
02132	Ⅎ	Ⅎ	\Finv	mathord	amssymb	TURNED CAPITAL F
02136	ב	ב	\beth	mathalpha	amssymb wrisym	beth, hebrew
02137	ג	ג	\gimel	mathalpha	amssymb wrisym	gimel, hebrew
02138	ד	ד	\daleth	mathalpha	amssymb wrisym	daleth, hebrew
02141	⅁	(⅁)		mathord		# \Game (amssymb), TURNED SANS-SERIF CAPITAL G (amssymb has mirrored G)
02196	↖	↖	\nwarrow	mathrel	amssymb	nw pointing arrow
0219A	↚	↚	\nleftarrow	mathrel	amssymb	not left arrow
0219B	↛	↛	\nrightarrow	mathrel	amssymb	not right arrow
0219E	↞	↞	\twoheadleftarrow	mathrel	amssymb	left two-headed arrow
021A0	↠	↠	\twoheadrightarrow	mathrel	amssymb	= \tsur (oz), = \surj (oz), right two-headed arrow, z notation total surjection
021A2	↢	↢	\leftarrowtail	mathrel	amssymb	left arrow-tailed
021A3	↣	↣	\rightarrowtail	mathrel	amssymb	= \tinj (oz), = \inj (oz), right arrow-tailed, z notation total injection

No.	Text	Math	Macro	Category	Requirements	Comments
021AB	$\looparrowleft$	$\looparrowleft$	\looparrowleft	mathrel	amssymb	left arrow-looped
021AC	$\looparrowright$	$\looparrowright$	\looparrowright	mathrel	amssymb	right arrow-looped
021AD	$\leftrightsquigarrow$	$\leftrightsquigarrow$	\leftrightsquigarrow	mathrel	amssymb	left and right arr-wavy
021AE	$\nleftrightarrow$	$\nleftrightarrow$	\nleftrightarrow	mathrel	amssymb	not left and right arrow
021B0	$\Lsh$	$\Lsh$	\Lsh	mathrel	amssymb	a: UPWARDS ARROW WITH TIP LEFTWARDS
021B1	$\Rsh$	$\Rsh$	\Rsh	mathrel	amssymb	a: UPWARDS ARROW WITH TIP RIGHTWARDS
021B6	$\curvearrowleft$	$\curvearrowleft$	\curvearrowleft	mathrel	amssymb fourier	left curved arrow
021B7	$\curvearrowright$	$\curvearrowright$	\curvearrowright	mathrel	amssymb fourier	right curved arrow
021BA	$\circlearrowleft$	$\circlearrowleft$	\circlearrowleft	mathord	amssymb	= \leftturn (wasysym), ANTICLOCKWISE OPEN CIRCLE ARROW
021BB	$\circlearrowright$	$\circlearrowright$	\circlearrowright	mathord	amssymb	= \rightturn (wasysym), CLOCKWISE OPEN CIRCLE ARROW
021BE	$\upharpoonright$	$\upharpoonright$	\upharpoonright	mathrel	amssymb	= \restriction (amssymb), = \upharpoonrightup (wrisym), a: up harpoon-right
021BF	$\upharpoonleft$	$\upharpoonleft$	\upharpoonleft	mathrel	amssymb	= \upharpoonleftup (wrisym), up harpoon-left
021C2	$\downharpoonright$	$\downharpoonright$	\downharpoonright	mathrel	amssymb	= \upharpoonrightdown (wrisym), down harpoon-right
021C3	$\downharpoonleft$	$\downharpoonleft$	\downharpoonleft	mathrel	amssymb	= \upharpoonleftdown (wrisym), down harpoon-left
021C4	$\rightleftarrows$	$\rightleftarrows$	\rightleftarrows	mathrel	amssymb	= \rightleftarrow (wrisym), right arrow over left arrow
021C6	$\leftrightarrows$	$\leftrightarrows$	\leftrightarrows	mathrel	amssymb	= \leftrightarrow (wrisym), left arrow over right arrow
021C7	$\leftleftarrows$	$\leftleftarrows$	\leftleftarrows	mathrel	amssymb fourier	two left arrows
021C8	$\upuparrows$	$\upuparrows$	\upuparrows	mathrel	amssymb	two up arrows
021C9	$\rightrightarrows$	$\rightrightarrows$	\rightrightarrows	mathrel	amssymb fourier	two right arrows
021CA	$\downdownarrows$	$\downdownarrows$	\downdownarrows	mathrel	amssymb	two down arrows
021CB	$\leftrightharpoons$	$\leftrightharpoons$	\leftrightharpoons	mathrel	amssymb	= \revequilibrium (wrisym), left harpoon over right
021CD	$\nLeftarrow$	$\nLeftarrow$	\nLeftarrow	mathrel	amssymb	not implied by
021CE	$\nLeftrightarrow$	$\nLeftrightarrow$	\nLeftrightarrow	mathrel	amssymb	not left and right double arrows
021CF	$\nRightarrow$	$\nRightarrow$	\nRightarrow	mathrel	amssymb	not implies
021DA	$\Lleftarrow$	$\Lleftarrow$	\Lleftarrow	mathrel	amssymb	left triple arrow
021DB	$\Rrightarrow$	$\Rrightarrow$	\Rrightarrow	mathrel	amssymb	right triple arrow
021DD	$\rightsquigarrow$	$\rightsquigarrow$	\rightsquigarrow	mathrel	amssymb	RIGHTWARDS SQUIGGLE ARROW
021E0	$\dashleftarrow$	$\dashleftarrow$	\dashleftarrow	mathord	amsfonts	LEFTWARDS DASHED ARROW
021E2	$\dashrightarrow$	$\dashrightarrow$	\dashrightarrow	mathord	amsfonts	= \dasharrow (amsfonts), RIGHTWARDS DASHED ARROW
02201	$\complement$	$\complement$	\complement	mathord	amssymb fourier	COMPLEMENT sign
02204	$\nexists$	$\nexists$	\nexists	mathord	amssymb fourier	= \nexi (oz), negated exists
02205	$\varnothing$	$\varnothing$	\varnothing	mathord	amssymb	circle, slash
0220E	$\blacksquare$	$(\blacksquare)$		mathord		# \blacksquare (amssymb), END OF PROOF
02214	$\dotplus$	$\dotplus$	\dotplus	mathbin	amssymb	plus sign, dot above
02216	$\smallsetminus$	$\smallsetminus$	\smallsetminus	mathbin	amssymb fourier	small SET MINUS (cf. reverse solidus)
0221D	$\propto$	$(\propto)$	\propto	mathrel		# \varpropto (amssymb), is PROPORTIONAL TO
02221	$\measuredangle$	$\measuredangle$	\measuredangle	mathord	amssymb wrisym	MEASURED ANGLE
02222	$\sphericalangle$	$\sphericalangle$	\sphericalangle	mathord	amssymb wrisym	SPHERICAL ANGLE

No.	Text	Math	Macro	Category	Requirements	Comments
02224	∤	$\nmid$	\nmid	mathrel	amssymb	negated mid, DOES NOT DIVIDE
02226	∦	$\nparallel$	\nparallel	mathrel	amssymb fourier	not parallel
02227	∧	$\wedge$	\wedge	mathbin	amssymb	= \land, b: LOGICAL AND
02234	∴	$\therefore$	\therefore	mathord	amssymb wrisym	= \wasytherefore (wasysym), THEREFORE
02235	∵	$\because$	\because	mathord	amssymb wrisym	BECAUSE
0223D	∽	$\backsim$	\backsim	mathrel	amssymb	reverse similar
02240	≀	$\wr$	\wr	mathbin	amssymb	WREATH PRODUCT
02241	≁	$\nsim$	\nsim	mathrel	amssymb wrisym	not similar
02242	≂	$\eqsim$	\eqsim	mathrel	amssymb	equals, similar
02247	≇	$\ncong$	\ncong	mathrel	amssymb wrisym	not congruent with
0224A	≊	$\approxeq$	\approxeq	mathrel	amssymb	approximate, equals
0224E	≎	$\Bumpeq$	\Bumpeq	mathrel	amssymb wrisym	bumpy equals
0224F	≏	$\bumpeq$	\bumpeq	mathrel	amssymb wrisym	bumpy equals, equals
02251	≑	$\Doteq$	\Doteq	mathrel	amssymb	= \doteqdot (amssymb), /doteq r: equals, even dots
02252	≒	$\fallingdotseq$	\fallingdotseq	mathrel	amssymb	equals, falling dots
02253	≓	$\risingdotseq$	\risingdotseq	mathrel	amssymb	equals, rising dots
02256	≖	$\eqcirc$	\eqcirc	mathrel	amssymb	circle on equals sign
02257	≗	$\circeq$	\circeq	mathrel	amssymb	circle, equals
0225C	≜	$\triangleq$	\triangleq	mathrel	amssymb	= \varsdef (oz), triangle, equals
02266	≦	$\leqq$	\leqq	mathrel	amssymb	less, double equals
02267	≧	$\geqq$	\geqq	mathrel	amssymb	greater, double equals
02268	≨	$\lneqq$	\lneqq	mathrel	amssymb	less, not double equals
02269	≩	$\gneqq$	\gneqq	mathrel	amssymb	greater, not double equals
0226C	≬	$\between$	\between	mathrel	amssymb	BETWEEN
0226E	≮	$\nless$	\nless	mathrel	amssymb	NOT LESS-THAN
0226F	≯	$\ngtr$	\ngtr	mathrel	amssymb	NOT GREATER-THAN
02270	≰	$\nleq$	\nleq	mathrel	amssymb wrisym	= \nleqslant (fourier), not less-than-or-equal
02271	≱	$\ngeq$	\ngeq	mathrel	amssymb wrisym	= \ngeqslant (fourier), not greater-than-or-equal
02272	≲	$\lesssim$	\lesssim	mathrel	amssymb	= \apprle (wasysym), = \LessTilde (wrisym), less, similar
02273	≳	$\gtrsim$	\gtrsim	mathrel	amssymb	= \apprge (wasysym), = \GreaterTilde (wrisym), greater, similar
02276	≶	$\lessgtr$	\lessgtr	mathrel	amssymb	less, greater
02277	≷	$\gtrless$	\gtrless	mathrel	amssymb	= \GreaterLess (wrisym), greater, less
0227C	≼	$\preccurlyeq$	\preccurlyeq	mathrel	amssymb	= \PrecedesSlantEqual (wrisym), precedes, curly equals
0227D	≽	$\succcurlyeq$	\succcurlyeq	mathrel	amssymb	= \SucceedsSlantEqual (wrisym), succeeds, curly equals
0227E	≾	$\precsim$	\precsim	mathrel	amssymb	= \PrecedesTilde (wrisym), precedes, similar
0227F	≿	$\succsim$	\succsim	mathrel	amssymb	= \SucceedsTilde (wrisym), succeeds, similar
02280	⊀	$\nprec$	\nprec	mathrel	amssymb wrisym	not precedes
02281	⊁	$\nsucc$	\nsucc	mathrel	amssymb wrisym	not succeeds

No.	Text	Math	Macro	Category	Requirements	Comments
02288	⊈	$\nsubseteq$	\nsubseteq	mathrel	amssymb wrisym	not subset, equals
02289	⊉	$\nsupseteq$	\nsupseteq	mathrel	amssymb wrisym	not superset, equals
0228A	⊊	$\subsetneq$	\subsetneq	mathrel	amssymb	= \varsubsetneq (fourier), subset, not equals
0228B	⊋	$\supsetneq$	\supsetneq	mathrel	amssymb	superset, not equals
0228F	⊏	$\sqsubset$	\sqsubset	mathrel	amsfonts	square subset
02290	⊐	$\sqsupset$	\sqsupset	mathrel	amsfonts	square superset
0229A	⊚	$\circledcirc$	\circledcirc	mathbin	amssymb	small circle in circle
0229B	⊛	$\circledast$	\circledast	mathbin	amssymb	asterisk in circle
0229D	⊝	$\circleddash$	\circleddash	mathbin	amssymb	hyphen in circle
0229E	⊞	$\boxplus$	\boxplus	mathbin	amssymb	plus sign in box
0229F	⊟	$\boxminus$	\boxminus	mathbin	amssymb	minus sign in box
022A0	⊠	$\boxtimes$	\boxtimes	mathbin	amssymb	multiply sign in box
022A1	⊡	$\boxdot$	\boxdot	mathbin	amssymb stmaryrd	/dotsquare /boxdot b: small dot in box
022A3	⊣	$\dashv$	\dashv	mathrel	amssymb	LEFT TACK, non-theorem, does not yield, (dash, vertical)
022A8	⊨	$\vDash$	\vDash	mathrel	amssymb fourier	TRUE (vertical, double dash)
022A9	⊩	$\Vdash$	\Vdash	mathrel	amssymb	double vertical, dash
022AA	⊪	$\Vvdash$	\Vvdash	mathrel	amssymb	triple vertical, dash
022AC	⊬	$\nvdash$	\nvdash	mathrel	amssymb	not vertical, dash
022AD	⊭	$\nvDash$	\nvDash	mathrel	amssymb fourier	not vertical, double dash
022AE	⊮	$\nVdash$	\nVdash	mathrel	amssymb	not double vertical, dash
022AF	⊯	$\nVDash$	\nVDash	mathrel	amssymb	not double vert, double dash
022B2	◁	$\vartriangleleft$	\vartriangleleft	mathrel	amssymb	left triangle, open, variant
022B3	▷	$\vartriangleright$	\vartriangleright	mathrel	amssymb	right triangle, open, variant
022B4	⊴	$\trianglelefteq$	\trianglelefteq	mathrel	amssymb	= \unlhd (wrisym), left triangle, equals
022B5	⊵	$\trianglerighteq$	\trianglerighteq	mathrel	amssymb	= \unrhd (wrisym), right triangle, equals
022B8	⊸	$\multimap$	\multimap	mathrel	amssymb	/MULTIMAP a:
022BA	⊺	$\intercal$	\intercal	mathbin	amssymb fourier	intercal
022BB	⊻	$\veebar$	\veebar	mathbin	amssymb	logical or, bar below (large vee); exclusive disjunction
022BC	⊼	$\barwedge$	\barwedge	mathbin	amssymb	logical NAND (bar over wedge)
022C7	⋇	$\divideontimes$	\divideontimes	mathbin	amssymb	division on times
022C9	⋉	$\ltimes$	\ltimes	mathbin	amssymb	times sign, left closed
022CA	⋊	$\rtimes$	\rtimes	mathbin	amssymb	times sign, right closed
022CB	⋋	$\leftthreetimes$	\leftthreetimes	mathbin	amssymb	LEFT SEMIDIRECT PRODUCT
022CC	⋌	$\rightthreetimes$	\rightthreetimes	mathbin	amssymb	RIGHT SEMIDIRECT PRODUCT
022CD	⋍	$\backsimeq$	\backsimeq	mathrel	amssymb	reverse similar, equals
022CE	⋎	$\curlyvee$	\curlyvee	mathbin	amssymb	CURLY LOGICAL OR
022CF	⋏	$\curlywedge$	\curlywedge	mathbin	amssymb	CURLY LOGICAL AND
022D0	⋐	$\Subset$	\Subset	mathrel	amssymb	DOUBLE SUBSET

No.	Text	Math	Macro	Category	Requirements	Comments
022D1	⋑	$\Supset$	\Supset	mathrel	amssymb	DOUBLE SUPERSET
022D2	⋒	$\Cap$	\Cap	mathbin	amssymb	/cap /doublecap b: DOUBLE INTERSECTION
022D3	⋓	$\Cup$	\Cup	mathbin	amssymb	/cup /doublecup b: DOUBLE UNION
022D4	⋔	$\pitchfork$	\pitchfork	mathrel	amssymb	PITCHFORK
022D6	⋖	$\lessdot$	\lessdot	mathrel	amssymb	less than, with dot
022D7	⋗	$\gtrdot$	\gtrdot	mathrel	amssymb	greater than, with dot
022D8	⋘	$\lll$	\lll	mathrel	amssymb mathabx -	triple less-than
022D9	⋙	$\ggg$	\ggg	mathrel	amssymb mathabx -	triple greater-than
022DA	⋚	$\lesseqgtr$	\lesseqgtr	mathrel	amssymb	less, equals, greater
022DB	⋛	$\gtreqless$	\gtreqless	mathrel	amssymb	greater, equals, less
022DE	⋞	$\curlyeqprec$	\curlyeqprec	mathrel	amssymb	curly equals, precedes
022DF	⋟	$\curlyeqsucc$	\curlyeqsucc	mathrel	amssymb	curly equals, succeeds
022E0	⋠	$\npreceq$	\npreceq	mathrel	amssymb wrisym	DOES NOT PRECEDE OR EQUAL
022E1	⋡	$\nsucceq$	\nsucceq	mathrel	amssymb wrisym	not succeeds, curly equals
022E6	⋦	$\lnsim$	\lnsim	mathrel	amssymb	less, not similar
022E7	⋧	$\gnsim$	\gnsim	mathrel	amssymb	greater, not similar
022E8	⋨	$\precnsim$	\precnsim	mathrel	amssymb	precedes, not similar
022E9	⋩	$\succnsim$	\succnsim	mathrel	amssymb	succeeds, not similar
022EA	⋪	$\ntriangleleft$	\ntriangleleft	mathrel	amssymb	= \NotLeftTriangle (wrisym), not left triangle
022EB	⋫	$\ntriangleright$	\ntriangleright	mathrel	amssymb	= \NotRightTriangle (wrisym), not right triangle
022EC	⋬	$\ntrianglelefteq$	\ntrianglelefteq	mathrel	amssymb	= \nunlhd (wrisym), not left triangle, equals
022ED	⋭	$\ntrianglerighteq$	\ntrianglerighteq	mathrel	amssymb	= \nunrhd (wrisym), not right triangle, equals
02300	⌀	$(\varnothing)$	\diameter	mathord	mathabx	# \varnothing (amssymb), DIAMETER SIGN
02305	⌅	$(\barwedge)$		mathbin		# \barwedge (amssymb), PROJECTIVE (bar over small wedge) not nand
02306	⌆	$(\doublebarwedge)$		mathbin		# \doublebarwedge (amssymb), PERSPECTIVE (double bar over small wedge)
0231C	⌜	$\ulcorner$	\ulcorner	mathopen	amsfonts	upper left corner
0231D	⌝	$\urcorner$	\urcorner	mathclose	amsfonts	upper right corner
0231E	⌞	$\llcorner$	\llcorner	mathopen	amsfonts	lower left corner
0231F	⌟	$\lrcorner$	\lrcorner	mathclose	amsfonts	lower right corner
025B3	△	$\bigtriangleup$	\bigtriangleup	mathbin	-stmaryrd	= \triangle (amsfonts), # \vartriangle (amssymb), big up triangle, open
025B5	▵	$(\smalltriangleup)$	\smalltriangleup	mathbin	mathabx	# \vartriangle (amssymb), small up triangle, open
025B7	▷	$\rhd$	\rhd	mathbin	amssymb wasysym	= \rres (oz), = \RightTriangle (wrisym), (large) right triangle, open; z notation range restriction
025BF	▿	$(\smalltriangledown)$	\smalltriangledown	mathbin	mathabx	# \triangledown (amssymb), WHITE DOWN-POINTING SMALL TRIANGLE
025C1	◁	$\lhd$	\lhd	mathbin	amssymb wasysym	= \dres (oz), = \LeftTriangle (wrisym), (large) left triangle, open; z notation domain restriction

No.	Text	Math	Macro	Category	Requirements	Comments
025C7	◇	$\diamond$	\Diamond	mathord	amssymb	WHITE DIAMOND; diamond, open
025CA	◊	$\lozenge$	\lozenge	mathord	amssymb	LOZENGE or total mark
025CE	◎	$(\circledcirc)$		mathord		# \circledcirc (amssymb), BULLSEYE
025FB	□	$\square$	\square	mathord	amssymb -fourier	WHITE MEDIUM SQUARE
025FC	■	$\blacksquare$	\blacksquare	mathord	amssymb -fourier	BLACK MEDIUM SQUARE
02605	★	$\bigstar$	\bigstar	mathord	amssymb	star, filled
02713	✓	$\checkmark$	\checkmark	mathord	amsfonts	= \ballotcheck (arevmath), tick, CHECK MARK
02720	✠	$\maltese$	\maltese	mathord	amsfonts	MALTESE CROSS
029EB	⧫	$\blacklozenge$	\blacklozenge	mathbin	amssymb	BLACK LOZENGE
02A1D	⨝	$\Join$	\Join	mathop	amssymb	JOIN
02A5E	⩞	$\doublebarwedge$	\doublebarwedge	mathbin	amssymb	LOGICAL AND WITH DOUBLE OVERBAR
02A7D	⩽	$\leqslant$	\leqslant	mathrel	amssymb fourier	LESS-THAN OR SLANTED EQUAL TO
02A7E	⩾	$\geqslant$	\geqslant	mathrel	amssymb fourier	GREATER-THAN OR SLANTED EQUAL TO
02A85	⪅	$\lessapprox$	\lessapprox	mathrel	amssymb	LESS-THAN OR APPROXIMATE
02A86	⪆	$\gtrapprox$	\gtrapprox	mathrel	amssymb	GREATER-THAN OR APPROXIMATE
02A87	⪇	$\lneq$	\lneq	mathrel	amssymb	LESS-THAN AND SINGLE-LINE NOT EQUAL TO
02A88	⪈	$\gneq$	\gneq	mathrel	amssymb	GREATER-THAN AND SINGLE-LINE NOT EQUAL TO
02A89	⪉	$\lnapprox$	\lnapprox	mathrel	amssymb	LESS-THAN AND NOT APPROXIMATE
02A8A	⪊	$\gnapprox$	\gnapprox	mathrel	amssymb	GREATER-THAN AND NOT APPROXIMATE
02A8B	⪋	$\lesseqqgtr$	\lesseqqgtr	mathrel	amssymb	LESS-THAN ABOVE DOUBLE-LINE EQUAL ABOVE GREATER-THAN
02A8C	⪌	$\gtreqqless$	\gtreqqless	mathrel	amssymb	GREATER-THAN ABOVE DOUBLE-LINE EQUAL ABOVE LESS-THAN
02A95	⪕	$\eqslantless$	\eqslantless	mathrel	amssymb	SLANTED EQUAL TO OR LESS-THAN
02A96	⪖	$\eqslantgtr$	\eqslantgtr	mathrel	amssymb	SLANTED EQUAL TO OR GREATER-THAN
02AB7	⪷	$\precapprox$	\precapprox	mathrel	amssymb	PRECEDES ABOVE ALMOST EQUAL TO
02AB8	⪸	$\succapprox$	\succapprox	mathrel	amssymb	SUCCEEDS ABOVE ALMOST EQUAL TO
02AB9	⪹	$\precnapprox$	\precnapprox	mathrel	amssymb	PRECEDES ABOVE NOT ALMOST EQUAL TO
02ABA	⪺	$\succnapprox$	\succnapprox	mathrel	amssymb	SUCCEEDS ABOVE NOT ALMOST EQUAL TO
02AC5	⫅	$\subseteqq$	\subseteqq	mathrel	amssymb	SUBSET OF ABOVE EQUALS SIGN
02AC6	⫆	$\supseteqq$	\supseteqq	mathrel	amssymb	SUPERSET OF ABOVE EQUALS SIGN
02ACB	⫋	$\subsetneqq$	\subsetneqq	mathrel	amssymb	SUBSET OF ABOVE NOT EQUAL TO
02ACC	⫌	$\supsetneqq$	\supsetneqq	mathrel	amssymb	SUPERSET OF ABOVE NOT EQUAL TO
02B1D	▪	$(\centerdot)$		mathord		# \centerdot (amssymb), t \Squaredot (marvosym), BLACK VERY SMALL SQUARE
02B27	⧫	$(\blacklozenge)$		mathord		# \blacklozenge (amssymb), BLACK MEDIUM LOZENGE
02B28	◊	$(\lozenge)$		mathord		# \lozenge (amssymb), WHITE MEDIUM LOZENGE
1D504	𝔄	$\mathfrak{A}$	\mathfrak{A}	mathalpha	eufrak	MATHEMATICAL FRAKTUR CAPITAL A
1D505	𝔅	$\mathfrak{B}$	\mathfrak{B}	mathalpha	eufrak	MATHEMATICAL FRAKTUR CAPITAL B
1D507	𝔇	$\mathfrak{D}$	\mathfrak{D}	mathalpha	eufrak	MATHEMATICAL FRAKTUR CAPITAL D
1D508	𝔈	$\mathfrak{E}$	\mathfrak{E}	mathalpha	eufrak	MATHEMATICAL FRAKTUR CAPITAL E

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1D509	𝔉	$\mathfrak{F}$	\mathfrak{F}	mathalpha	eufrak	MATHEMATICAL FRAKTUR CAPITAL F
1D50A	𝔊	$\mathfrak{G}$	\mathfrak{G}	mathalpha	eufrak	MATHEMATICAL FRAKTUR CAPITAL G
1D50D	𝔍	$\mathfrak{J}$	\mathfrak{J}	mathalpha	eufrak	MATHEMATICAL FRAKTUR CAPITAL J
1D50E	𝔎	$\mathfrak{K}$	\mathfrak{K}	mathalpha	eufrak	MATHEMATICAL FRAKTUR CAPITAL K
1D50F	𝔏	$\mathfrak{L}$	\mathfrak{L}	mathalpha	eufrak	MATHEMATICAL FRAKTUR CAPITAL L
1D510	𝔐	$\mathfrak{M}$	\mathfrak{M}	mathalpha	eufrak	MATHEMATICAL FRAKTUR CAPITAL M
1D511	𝔑	$\mathfrak{N}$	\mathfrak{N}	mathalpha	eufrak	MATHEMATICAL FRAKTUR CAPITAL N
1D512	𝔒	$\mathfrak{O}$	\mathfrak{O}	mathalpha	eufrak	MATHEMATICAL FRAKTUR CAPITAL O
1D513	𝔓	$\mathfrak{P}$	\mathfrak{P}	mathalpha	eufrak	MATHEMATICAL FRAKTUR CAPITAL P
1D514	𝔔	$\mathfrak{Q}$	\mathfrak{Q}	mathalpha	eufrak	MATHEMATICAL FRAKTUR CAPITAL Q
1D516	𝔖	$\mathfrak{S}$	\mathfrak{S}	mathalpha	eufrak	MATHEMATICAL FRAKTUR CAPITAL S
1D517	𝔗	$\mathfrak{T}$	\mathfrak{T}	mathalpha	eufrak	MATHEMATICAL FRAKTUR CAPITAL T
1D518	𝔘	$\mathfrak{U}$	\mathfrak{U}	mathalpha	eufrak	MATHEMATICAL FRAKTUR CAPITAL U
1D519	𝔙	$\mathfrak{V}$	\mathfrak{V}	mathalpha	eufrak	MATHEMATICAL FRAKTUR CAPITAL V
1D51A	𝔚	$\mathfrak{W}$	\mathfrak{W}	mathalpha	eufrak	MATHEMATICAL FRAKTUR CAPITAL W
1D51B	𝔛	$\mathfrak{X}$	\mathfrak{X}	mathalpha	eufrak	MATHEMATICAL FRAKTUR CAPITAL X
1D51C	𝔜	$\mathfrak{Y}$	\mathfrak{Y}	mathalpha	eufrak	MATHEMATICAL FRAKTUR CAPITAL Y
1D51E	𝔞	$\mathfrak{a}$	\mathfrak{a}	mathalpha	eufrak	MATHEMATICAL FRAKTUR SMALL A
1D51F	𝔟	$\mathfrak{b}$	\mathfrak{b}	mathalpha	eufrak	MATHEMATICAL FRAKTUR SMALL B
1D520	𝔠	$\mathfrak{c}$	\mathfrak{c}	mathalpha	eufrak	MATHEMATICAL FRAKTUR SMALL C
1D521	𝔡	$\mathfrak{d}$	\mathfrak{d}	mathalpha	eufrak	MATHEMATICAL FRAKTUR SMALL D
1D522	𝔢	$\mathfrak{e}$	\mathfrak{e}	mathalpha	eufrak	MATHEMATICAL FRAKTUR SMALL E
1D523	𝔣	$\mathfrak{f}$	\mathfrak{f}	mathalpha	eufrak	MATHEMATICAL FRAKTUR SMALL F
1D524	𝔤	$\mathfrak{g}$	\mathfrak{g}	mathalpha	eufrak	MATHEMATICAL FRAKTUR SMALL G
1D525	𝔥	$\mathfrak{h}$	\mathfrak{h}	mathalpha	eufrak	MATHEMATICAL FRAKTUR SMALL H
1D526	𝔦	$\mathfrak{i}$	\mathfrak{i}	mathalpha	eufrak	MATHEMATICAL FRAKTUR SMALL I
1D527	𝔧	$\mathfrak{j}$	\mathfrak{j}	mathalpha	eufrak	MATHEMATICAL FRAKTUR SMALL J
1D528	𝔨	$\mathfrak{k}$	\mathfrak{k}	mathalpha	eufrak	MATHEMATICAL FRAKTUR SMALL K
1D529	𝔩	$\mathfrak{l}$	\mathfrak{l}	mathalpha	eufrak	MATHEMATICAL FRAKTUR SMALL L
1D52A	𝔪	$\mathfrak{m}$	\mathfrak{m}	mathalpha	eufrak	MATHEMATICAL FRAKTUR SMALL M
1D52B	𝔫	$\mathfrak{n}$	\mathfrak{n}	mathalpha	eufrak	MATHEMATICAL FRAKTUR SMALL N
1D52C	𝔬	$\mathfrak{o}$	\mathfrak{o}	mathalpha	eufrak	MATHEMATICAL FRAKTUR SMALL O
1D52D	𝔭	$\mathfrak{p}$	\mathfrak{p}	mathalpha	eufrak	MATHEMATICAL FRAKTUR SMALL P
1D52E	𝔮	$\mathfrak{q}$	\mathfrak{q}	mathalpha	eufrak	MATHEMATICAL FRAKTUR SMALL Q
1D52F	𝔯	$\mathfrak{r}$	\mathfrak{r}	mathalpha	eufrak	MATHEMATICAL FRAKTUR SMALL R
1D530	𝔰	$\mathfrak{s}$	\mathfrak{s}	mathalpha	eufrak	MATHEMATICAL FRAKTUR SMALL S
1D531	𝔱	$\mathfrak{t}$	\mathfrak{t}	mathalpha	eufrak	MATHEMATICAL FRAKTUR SMALL T
1D532	𝔲	$\mathfrak{u}$	\mathfrak{u}	mathalpha	eufrak	MATHEMATICAL FRAKTUR SMALL U

No.	Text	Math	Macro	Category	Requirements	Comments
1D533	𝔳	$\mathfrak{v}$	\mathfrak{v}	mathalpha	eufrak	MATHEMATICAL FRAKTUR SMALL V
1D534	𝔴	$\mathfrak{w}$	\mathfrak{w}	mathalpha	eufrak	MATHEMATICAL FRAKTUR SMALL W
1D535	𝔵	$\mathfrak{x}$	\mathfrak{x}	mathalpha	eufrak	MATHEMATICAL FRAKTUR SMALL X
1D536	𝔶	$\mathfrak{y}$	\mathfrak{y}	mathalpha	eufrak	MATHEMATICAL FRAKTUR SMALL Y
1D537	𝔷	$\mathfrak{z}$	\mathfrak{z}	mathalpha	eufrak	MATHEMATICAL FRAKTUR SMALL Z
1D538	𝔸	$\mathbb{A}$	\mathbb{A}	mathalpha	mathbb	= \mathds{A} (dsfont), MATHEMATICAL DOUBLE-STRUCK CAPITAL A
1D539	𝔹	$\mathbb{B}$	\mathbb{B}	mathalpha	mathbb	= \mathds{B} (dsfont), matMATHEMATICAL DOUBLE-STRUCK CAPITAL B
1D53B	𝔻	$\mathbb{D}$	\mathbb{D}	mathalpha	mathbb	= \mathds{D} (dsfont), matMATHEMATICAL DOUBLE-STRUCK CAPITAL D
1D53C	𝔼	$\mathbb{E}$	\mathbb{E}	mathalpha	mathbb	= \mathds{E} (dsfont), matMATHEMATICAL DOUBLE-STRUCK CAPITAL E
1D53D	𝔽	$\mathbb{F}$	\mathbb{F}	mathalpha	mathbb	= \mathds{F} (dsfont), matMATHEMATICAL DOUBLE-STRUCK CAPITAL F
1D53E	𝔾	$\mathbb{G}$	\mathbb{G}	mathalpha	mathbb	= \mathds{G} (dsfont), matMATHEMATICAL DOUBLE-STRUCK CAPITAL G
1D540	𝕀	$\mathbb{I}$	\mathbb{I}	mathalpha	mathbb	= \mathds{I} (dsfont), matMATHEMATICAL DOUBLE-STRUCK CAPITAL I
1D541	𝕁	$\mathbb{J}$	\mathbb{J}	mathalpha	mathbb	= \mathds{J} (dsfont), matMATHEMATICAL DOUBLE-STRUCK CAPITAL J
1D542	𝕂	$\mathbb{K}$	\mathbb{K}	mathalpha	mathbb	= \mathds{K} (dsfont), matMATHEMATICAL DOUBLE-STRUCK CAPITAL K
1D543	𝕃	$\mathbb{L}$	\mathbb{L}	mathalpha	mathbb	= \mathds{L} (dsfont), matMATHEMATICAL DOUBLE-STRUCK CAPITAL L
1D544	𝕄	$\mathbb{M}$	\mathbb{M}	mathalpha	mathbb	= \mathds{M} (dsfont), matMATHEMATICAL DOUBLE-STRUCK CAPITAL M
1D546	𝕆	$\mathbb{O}$	\mathbb{O}	mathalpha	mathbb	= \mathds{O} (dsfont), matMATHEMATICAL DOUBLE-STRUCK CAPITAL O
1D54A	𝕊	$\mathbb{S}$	\mathbb{S}	mathalpha	mathbb	= \mathds{S} (dsfont), matMATHEMATICAL DOUBLE-STRUCK CAPITAL S
1D54B	𝕋	$\mathbb{T}$	\mathbb{T}	mathalpha	mathbb	= \mathds{T} (dsfont), matMATHEMATICAL DOUBLE-STRUCK CAPITAL T
1D54C	𝕌	$\mathbb{U}$	\mathbb{U}	mathalpha	mathbb	= \mathds{U} (dsfont), matMATHEMATICAL DOUBLE-STRUCK CAPITAL U
1D54D	𝕍	$\mathbb{V}$	\mathbb{V}	mathalpha	mathbb	= \mathds{V} (dsfont), matMATHEMATICAL DOUBLE-STRUCK CAPITAL V
1D54E	𝕎	$\mathbb{W}$	\mathbb{W}	mathalpha	mathbb	= \mathds{W} (dsfont), matMATHEMATICAL DOUBLE-STRUCK CAPITAL W
1D54F	𝕏	$\mathbb{X}$	\mathbb{X}	mathalpha	mathbb	= \mathds{X} (dsfont), matMATHEMATICAL DOUBLE-STRUCK CAPITAL X
1D550	𝕐	$\mathbb{Y}$	\mathbb{Y}	mathalpha	mathbb	= \mathds{Y} (dsfont), matMATHEMATICAL DOUBLE-STRUCK CAPITAL Y
1D55C	𝕜	$\mathbb{k}$	\mathbb{k}	mathalpha	bbold fourier	= \Bbbk (amssymb), MATHEMATICAL DOUBLE-STRUCK SMALL K
1D718	𝜘	$\varkappa$	\varkappa	mathalpha	amssymb	MATHEMATICAL ITALIC KAPPA SYMBOL