LaTeX math mode commands with approximately matching Unicode character

Used packages: `amssymb, amsmath, bbold, isomath, mathabx, mathdots, stmaryrd, wasysym`.
Due to (8-bit) TeX's limitation to 16 math alphabets and conflicts between some packages, not all symbols can accessed simultaneously. [*na*] in the math symbol column indicates that the symbol is not available with the currently selected packages.

Command	No.	Text	Math	Category	Requirements	Comments
!!	0203C	‼	‼	mathord		DOUBLE EXCLAMATION MARK
-:	02239	∹	∸ :	mathrel		= \eqcolon (txfonts -mathabx), EXCESS
./.	02052	⁒	./.	mathord		COMMERCIAL MINUS SIGN
/	02044	⁄	/	mathbin		FRACTION SLASH
::	02237	∷	::	mathrel		= \Proportion (wrisym), two colons
::=	02A74	⩴	::=	mathrel		= \Coloneqq (txfonts), x \Coloneq (txfonts), DOUBLE COLON EQUAL
:=	02254	≔	:=	mathrel		= \coloneq (mathabx -txfonts), = \coloneqq (txfonts), = \SetDelayed (wrisym), equals
=:	02255	≕	=:	mathrel		= \eqcolon (mathabx -txfonts), = \eqqcolon (txfonts), equals, colon
==	02A75	⩵	==	mathrel		= \Equal (wrisym), TWO CONSECUTIVE EQUALS SIGNS
===	02A76	⩶	===	mathrel		= \Same (wrisym), THREE CONSECUTIVE EQUALS SIGNS
??	02047	⁇	??	mathord		DOUBLE QUESTION MARK
\#	0266F	♯	[na]	mathord	oz	= \sharp, musical sharp, z notation infix bag count
\AC	023E6	⏦	∿	mathord	wasysym	AC CURRENT
\APLcirc{\APLbox}	0233C	⌼	⍰	mathord	wasysym	APL FUNCTIONAL SYMBOL QUAD CIRCLE
\APLcirc{\Circle}	0233E	⌾	⍜	mathord	wasysym	APL FUNCTIONAL SYMBOL CIRCLE JOT
\APLnot{\APLdown}	0236B	⍫	⍱	mathord	wasysym	APL FUNCTIONAL SYMBOL DEL TILDE
\APLvert{\APLdown}	02352	⍒	⍖	mathord	wasysym	APL FUNCTIONAL SYMBOL DEL STILE
\APLvert{\APLup}	0234B	⍋	⍏	mathord	wasysym	APL FUNCTIONAL SYMBOL DELTA STILE
\APLvert{\Circle}	0233D	⌽	⍉	mathbin	wasysym	x \obar (stmaryrd), APL FUNCTIONAL SYMBOL CIRCLE STILE, circle with vertical bar
\Game	02141	⅁	⅁	mathord	amssymb	TURNED SANS-SERIF CAPITAL G (amssymb has mirrored G)
\ast	0002A	*	∗	mathord		= *, (high) ASTERISK, star
\ast	0204E	⁎	∗	mathbin		lowast, LOW ASTERISK
\barwedge	02305	⌅	⊼	mathbin	amssymb	PROJECTIVE (bar over small wedge) not nand
\binampersand	00026	&	&	mathord	stmaryrd	= \&,
\bindnasrepma	0214B	⅋	⅋	mathbin	stmaryrd	= \invamp (txfonts), TURNED AMPERSAND
\blacklozenge	02B27	⧫	♦	mathord	amssymb	BLACK MEDIUM LOZENGE
\blacksquare	0220E	∎	■	mathord	amssymb	END OF PROOF
\bullet	02022	•	•	mathbin		b: round BULLET, filled
\cdot	000B7	·	·	mathbin		x \centerdot, b: MIDDLE DOT
\centerdot	02B1D	▪	▪	mathord	amssymb	t \Squaredot (marvosym), BLACK VERY SMALL SQUARE
\circledcirc	025CE	◎	◎	mathord	amssymb	BULLSEYE
\doublebarwedge	02306	⌆	⊼	mathbin	amssymb	PERSPECTIVE (double bar over small wedge)
\hbar	0210F	ℏ	ℏ	mathalpha		= \hslash (amssymb fourier arevmath), =\HBar (wrisym), Planck's h over 2pi

Command	No.	Text	Math	Category	Requirements	Comments
\hspace{0pt}	0200B					zwsp
\langle	03008	⟨	$\langle$	mathopen		LEFT ANGLE BRACKET (deprecated for math use)
\llbracket	0301A	⟦	$\llbracket$	mathopen	stmaryrd	LEFT WHITE SQUARE BRACKET (deprecated for math use)
\lozenge	02B28	◊	$\lozenge$	mathord	amssymb	WHITE MEDIUM LOZENGE
\mathring{\mathrm{A}}	0212B	Å	$\mathring{\mathrm{A}}$	mathalpha		= \Angstroem (wrisym), Ångström capital A with ring
\mathrm{\Delta}	02206	∆	$\mathrm{\Delta}$	mathord		laplacian (Delta; nabla square)
\mathrm{\Omega}	02126	Ω	$\mathrm{\Omega}$	mathalpha		= \tcohm (mathcomp), ohm (deprecated in math, use greek letter)
\mathrm{\Upsilon}	003D2	ϒ	$\mathrm{\Upsilon}$	mathalpha		GREEK UPSILON WITH HOOK SYMBOL
\mathrm{\mu}	000B5	µ	[na]	mathalpha	omlmathrm	= \Micro (wrisym), = \tcmu (mathcomp), t \textmu (textcomp), # \muup (kpfonts mathdesign), MICRO
\mathsf{E}	022FF	𝖤	E	mathrel		Z NOTATION BAG MEMBERSHIP
\muup	000B5	µ	[na]	mathalpha	kpfonts mathdesign	= \Micro (wrisym), = \tcmu (mathcomp), t \textmu (textcomp), # \mathrm{\mu} (omlmathrm), MICRO
\overleftarrow	020D6	x⃖	$\overleftarrow{x}$	mathaccent		= \LVec (wrisym), COMBINING LEFT ARROW ABOVE
\overrightarrow	020D7	x⃗	$\overrightarrow{x}$	mathaccent		= \vec (-wrisym), = \Vec (wrisym), COMBINING RIGHT ARROW ABOVE
\rangle	03009	⟩	$\rangle$	mathclose		RIGHT ANGLE BRACKET (deprecated for math use)
\rrbracket	0301B	⟧	$\rrbracket$	mathclose	stmaryrd	RIGHT WHITE SQUARE BRACKET (deprecated for math use)
\sampi	003E1	ϡ	[na]	mathalpha	wrisym	= \sampi (arevmath), GREEK SMALL LETTER SAMPI
\sim	0007E	~	$\sim$	mathord		= \sptilde (amsxtra), TILDE
\slash	0002F	/	$/$	mathord		= /, SOLIDUS
\smallfrown	02322	⌢	$\smallfrown$	mathrel		= \frown, FROWN (down curve)
\smallsmile	02323	⌣	$\smallsmile$	mathrel		= \smile, SMILE (up curve)
\times	02A2F	×	$\times$	mathbin		VECTOR OR CROSS PRODUCT
\triangledown	025BF	▽	$\triangledown$	mathbin	amssymb	= \smalltriangledown (mathabx), WHITE DOWN-POINTING SMALL TRIANGLE
\triangleleft	025C3	◁	$\triangleleft$	mathbin		= \smalltriangleleft (mathabx), x \triangleleft (mathabx), left triangle, open
\triangleleft	025C5	◅	$\triangleleft$	mathord	mathabx	WHITE LEFT-POINTING POINTER
\triangleright	025B9	▷	$\triangleright$	mathbin		= \smalltriangleright (mathabx), x \triangleright (mathabx), right triangle, open
\triangleright	025BB	▻	$\triangleright$	mathord	mathabx	WHITE RIGHT-POINTING POINTER
\varnothing	02300	⌀	$\varnothing$	mathord	amssymb	= \diameter (mathabx), DIAMETER SIGN
\varparallel	02AFD	⫽	[na]	mathbin	txfonts	= \sslash (stmaryrd), DOUBLE SOLIDUS OPERATOR
\varpropto	0221D	∝	$\varpropto$	mathrel	amssymb	= \propto, is PROPORTIONAL TO
\vartriangle	025B3	△	$\vartriangle$	mathbin	amssymb	= \bigtriangleup (-stmaryrd), = \triangle (amsfonts), big up triangle, open
\vartriangle	025B5	▵	$\vartriangle$	mathbin	amssymb	= \smalltriangleup (mathabx), small up triangle, open
\vdash	022A6	⊢	$\vdash$	mathrel		ASSERTION (vertical, short dash)
\widehat	00302	x̂	$\widehat{x}$	mathaccent	amssymb	= \hat, circumflex accent
\widetilde	00303	x̃	$\widetilde{x}$	mathaccent		= \tilde, fourier), tilde
h	0210E	*h*	h	mathord		Planck constant