

Mathematical Alphanumeric Symbols

Range: 1D400–1D7FF

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

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

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.

Copying characters from the character code tables or list of character names is not recommended, because for production reasons the PDF files for the code charts cannot guarantee that the correct character codes will always be copied.

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

Copyright © 1991–2022 Unicode, Inc. All rights reserved.

	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	h 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	ℓ 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	O 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			h 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	O 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	ℓ 1D4EF	v 1D4FF

1D50 1D51 1D52 1D53 1D54 1D55 1D56 1D57 1D58 1D59 1D5A 1D5B 1D5C 1D5D 1D5E 1D5F

0	<i>w</i> 1D500	<i>M</i> 1D510	<i>c</i> 1D520	<i>s</i> 1D530	<i>I</i> 1D540	<i>Y</i> 1D550	<i>o</i> 1D560	<i>U</i> 1D570	<i>f</i> 1D580	<i>A</i> 1D590	<i>Q</i> 1D5A0	<i>g</i> 1D5B0	<i>w</i> 1D5C0	<i>M</i> 1D5D0	<i>c</i> 1D5E0	<i>c</i> 1D5F0
1	<i>x</i> 1D501	<i>N</i> 1D511	<i>d</i> 1D521	<i>t</i> 1D531	<i>J</i> 1D541		<i>p</i> 1D561	<i>U</i> 1D571	<i>B</i> 1D581	<i>I</i> 1D591	<i>B</i> 1D5A1	<i>R</i> 1D5B1	<i>h</i> 1D5C1	<i>x</i> 1D5D1	<i>N</i> 1D5E1	<i>d</i> 1D5F1
2	<i>y</i> 1D502	<i>D</i> 1D512	<i>e</i> 1D522	<i>u</i> 1D532	<i>K</i> 1D542	<i>a</i> 1D552	<i>q</i> 1D562	<i>U</i> 1D572	<i>W</i> 1D582	<i>m</i> 1D592	<i>C</i> 1D5A2	<i>S</i> 1D5B2	<i>i</i> 1D5C2	<i>y</i> 1D5D2	<i>O</i> 1D5E2	<i>e</i> 1D5F2
3	<i>z</i> 1D503	<i>P</i> 1D513	<i>f</i> 1D523	<i>v</i> 1D533	<i>L</i> 1D543	<i>b</i> 1D553	<i>r</i> 1D563	<i>S</i> 1D573	<i>X</i> 1D583	<i>n</i> 1D593	<i>D</i> 1D5A3	<i>T</i> 1D5B3	<i>j</i> 1D5C3	<i>z</i> 1D5D3	<i>P</i> 1D5E3	<i>f</i> 1D5F3
4	<i>U</i> 1D504	<i>Q</i> 1D514	<i>g</i> 1D524	<i>w</i> 1D534	<i>M</i> 1D544	<i>c</i> 1D554	<i>s</i> 1D564	<i>U</i> 1D574	<i>Y</i> 1D584	<i>o</i> 1D594	<i>E</i> 1D5A4	<i>U</i> 1D5B4	<i>k</i> 1D5C4	<i>A</i> 1D5D4	<i>Q</i> 1D5E4	<i>g</i> 1D5F4
5	<i>B</i> 1D505		<i>h</i> 1D525	<i>x</i> 1D535		<i>d</i> 1D555	<i>t</i> 1D565	<i>U</i> 1D575	<i>3</i> 1D585	<i>p</i> 1D595	<i>F</i> 1D5A5	<i>V</i> 1D5B5	<i>I</i> 1D5C5	<i>B</i> 1D5D5	<i>R</i> 1D5E5	<i>h</i> 1D5F5
6		<i>U</i> 1D516	<i>i</i> 1D526	<i>h</i> 1D536	<i>O</i> 1D546	<i>e</i> 1D556	<i>u</i> 1D566	<i>R</i> 1D576	<i>a</i> 1D586	<i>q</i> 1D596	<i>G</i> 1D5A6	<i>W</i> 1D5B6	<i>m</i> 1D5C6	<i>C</i> 1D5D6	<i>S</i> 1D5E6	<i>i</i> 1D5F6
7	<i>D</i> 1D507	<i>Z</i> 1D517	<i>j</i> 1D527	<i>z</i> 1D537		<i>f</i> 1D557	<i>v</i> 1D567	<i>U</i> 1D577	<i>b</i> 1D587	<i>r</i> 1D597	<i>H</i> 1D5A7	<i>X</i> 1D5B7	<i>n</i> 1D5C7	<i>D</i> 1D5D7	<i>T</i> 1D5E7	<i>j</i> 1D5F7
8	<i>U</i> 1D508	<i>U</i> 1D518	<i>f</i> 1D528	<i>A</i> 1D538		<i>g</i> 1D558	<i>w</i> 1D568	<i>M</i> 1D578	<i>c</i> 1D588	<i>s</i> 1D598	<i>I</i> 1D5A8	<i>Y</i> 1D5B8	<i>o</i> 1D5C8	<i>E</i> 1D5D8	<i>U</i> 1D5E8	<i>k</i> 1D5F8
9	<i>U</i> 1D509	<i>U</i> 1D519	<i>I</i> 1D529	<i>B</i> 1D539		<i>h</i> 1D559	<i>x</i> 1D569	<i>N</i> 1D579	<i>d</i> 1D589	<i>t</i> 1D599	<i>J</i> 1D5A9	<i>Z</i> 1D5B9	<i>p</i> 1D5C9	<i>F</i> 1D5D9	<i>V</i> 1D5E9	<i>I</i> 1D5F9
A	<i>U</i> 1D50A	<i>W</i> 1D51A	<i>m</i> 1D52A		<i>S</i> 1D54A	<i>i</i> 1D55A	<i>y</i> 1D56A	<i>D</i> 1D57A	<i>e</i> 1D58A	<i>u</i> 1D59A	<i>K</i> 1D5AA	<i>a</i> 1D5BA	<i>q</i> 1D5CA	<i>G</i> 1D5DA	<i>W</i> 1D5EA	<i>m</i> 1D5FA
B		<i>X</i> 1D51B	<i>n</i> 1D52B	<i>D</i> 1D53B	<i>T</i> 1D54B	<i>j</i> 1D55B	<i>z</i> 1D56B	<i>P</i> 1D57B	<i>f</i> 1D58B	<i>v</i> 1D59B	<i>L</i> 1D5AB	<i>b</i> 1D5BB	<i>r</i> 1D5CB	<i>H</i> 1D5DB	<i>X</i> 1D5EB	<i>n</i> 1D5FB
C		<i>Y</i> 1D51C	<i>o</i> 1D52C	<i>E</i> 1D53C	<i>U</i> 1D54C	<i>k</i> 1D55C	<i>U</i> 1D56C	<i>Q</i> 1D57C	<i>g</i> 1D58C	<i>w</i> 1D59C	<i>M</i> 1D5AC	<i>c</i> 1D5BC	<i>s</i> 1D5CC	<i>I</i> 1D5DC	<i>Y</i> 1D5EC	<i>o</i> 1D5FC
D	<i>U</i> 1D50D		<i>p</i> 1D52D	<i>F</i> 1D53D	<i>V</i> 1D54D	<i>I</i> 1D55D	<i>U</i> 1D56D	<i>R</i> 1D57D	<i>h</i> 1D58D	<i>x</i> 1D59D	<i>N</i> 1D5AD	<i>d</i> 1D5BD	<i>t</i> 1D5CD	<i>J</i> 1D5DD	<i>Z</i> 1D5ED	<i>p</i> 1D5FD
E	<i>R</i> 1D50E	<i>a</i> 1D51E	<i>q</i> 1D52E	<i>G</i> 1D53E	<i>W</i> 1D54E	<i>m</i> 1D55E	<i>U</i> 1D56E	<i>U</i> 1D57E	<i>i</i> 1D58E	<i>h</i> 1D59E	<i>O</i> 1D5AE	<i>e</i> 1D5BE	<i>u</i> 1D5CE	<i>K</i> 1D5DE	<i>a</i> 1D5EE	<i>q</i> 1D5FE
F	<i>U</i> 1D50F	<i>b</i> 1D51F	<i>r</i> 1D52F		<i>X</i> 1D54F	<i>n</i> 1D55F	<i>D</i> 1D56F	<i>Z</i> 1D57F	<i>j</i> 1D58F	<i>z</i> 1D59F	<i>P</i> 1D5AF	<i>f</i> 1D5BF	<i>v</i> 1D5CF	<i>L</i> 1D5DF	<i>b</i> 1D5EF	<i>r</i> 1D5FF

	1D60	1D61	1D62	1D63	1D64	1D65	1D66	1D67	1D68	1D69	1D6A	1D6B	1D6C	1D6D	1D6E	1D6F
0	s 1D600	I 1D610	Y 1D620	o 1D630	E 1D640	U 1D650	k 1D660	A 1D670	Q 1D680	g 1D690	w 1D6A0	I 1D6B0	Ω 1D6C0	o 1D6D0	q 1D6E0	O 1D6F0
1	t 1D601	J 1D611	Z 1D621	p 1D631	F 1D641	V 1D651	I 1D661	B 1D671	R 1D681	h 1D691	x 1D6A1	K 1D6B1	∇ 1D6C1	π 1D6D1	ϖ 1D6E1	Π 1D6F1
2	u 1D602	K 1D612	a 1D622	q 1D632	G 1D642	W 1D652	m 1D662	C 1D672	S 1D682	i 1D692	y 1D6A2	Λ 1D6B2	α 1D6C2	ρ 1D6D2	A 1D6E2	P 1D6F2
3	v 1D603	L 1D613	b 1D623	r 1D633	H 1D643	X 1D653	n 1D663	D 1D673	T 1D683	j 1D693	z 1D6A3	M 1D6B3	β 1D6C3	ς 1D6D3	B 1D6E3	Θ 1D6F3
4	w 1D604	M 1D614	c 1D624	s 1D634	I 1D644	Y 1D654	o 1D664	E 1D674	U 1D684	k 1D694	ι 1D6A4	N 1D6B4	γ 1D6C4	σ 1D6D4	Γ 1D6E4	Σ 1D6F4
5	x 1D605	N 1D615	d 1D625	t 1D635	J 1D645	Z 1D655	p 1D665	F 1D675	V 1D685	l 1D695	J 1D6A5	Ξ 1D6B5	δ 1D6C5	τ 1D6D5	Δ 1D6E5	T 1D6F5
6	y 1D606	O 1D616	e 1D626	u 1D636	K 1D646	a 1D656	q 1D666	G 1D676	W 1D686	m 1D696		O 1D6B6	ε 1D6C6	υ 1D6D6	E 1D6E6	Υ 1D6F6
7	z 1D607	P 1D617	f 1D627	v 1D637	L 1D647	b 1D657	r 1D667	H 1D677	X 1D687	n 1D697		Π 1D6B7	ζ 1D6C7	φ 1D6D7	Z 1D6E7	Φ 1D6F7
8	A 1D608	Q 1D618	g 1D628	w 1D638	M 1D648	c 1D658	s 1D668	I 1D678	Y 1D688	o 1D698	A 1D6A8	P 1D6B8	η 1D6C8	χ 1D6D8	H 1D6E8	X 1D6F8
9	B 1D609	R 1D619	h 1D629	x 1D639	N 1D649	d 1D659	t 1D669	J 1D679	Z 1D689	p 1D699	B 1D6A9	Θ 1D6B9	θ 1D6C9	ψ 1D6D9	Θ 1D6E9	Ψ 1D6F9
A	C 1D60A	S 1D61A	i 1D62A	y 1D63A	O 1D64A	e 1D65A	u 1D66A	K 1D67A	a 1D68A	q 1D69A	Γ 1D6AA	Σ 1D6BA	ι 1D6CA	ω 1D6DA	I 1D6EA	Ω 1D6FA
B	D 1D60B	T 1D61B	j 1D62B	z 1D63B	P 1D64B	f 1D65B	v 1D66B	L 1D67B	b 1D68B	r 1D69B	Δ 1D6AB	T 1D6BB	κ 1D6CB	ð 1D6DB	K 1D6EB	∇ 1D6FB
C	E 1D60C	U 1D61C	k 1D62C	A 1D63C	Q 1D64C	g 1D65C	w 1D66C	M 1D67C	c 1D68C	s 1D69C	E 1D6AC	Υ 1D6BC	λ 1D6CC	ε 1D6DC	Λ 1D6EC	α 1D6FC
D	F 1D60D	V 1D61D	I 1D62D	B 1D63D	R 1D64D	h 1D65D	x 1D66D	N 1D67D	d 1D68D	t 1D69D	Z 1D6AD	Φ 1D6BD	μ 1D6CD	ϑ 1D6DD	M 1D6ED	β 1D6FD
E	G 1D60E	W 1D61E	m 1D62E	C 1D63E	S 1D64E	i 1D65E	y 1D66E	O 1D67E	e 1D68E	u 1D69E	H 1D6AE	X 1D6BE	ν 1D6CE	χ 1D6DE	N 1D6EE	γ 1D6FE
F	H 1D60F	X 1D61F	n 1D62F	D 1D63F	T 1D64F	j 1D65F	z 1D66F	P 1D67F	f 1D68F	v 1D69F	Θ 1D6AF	Ψ 1D6BF	ξ 1D6CF	φ 1D6DF	Ξ 1D6EF	δ 1D6FF

1D70 1D71 1D72 1D73 1D74 1D75 1D76 1D77 1D78 1D79 1D7A 1D7B 1D7C 1D7D 1D7E 1D7F

0	ε 1D700	υ 1D710	E 1D720	Y 1D730	λ 1D740	ϵ 1D750	Λ 1D760	α 1D770	ρ 1D780	A 1D790	P 1D7A0	η 1D7B0	χ 1D7C0	2 1D7D0	8 1D7E0	4 1D7F0
1	ζ 1D701	φ 1D711	Z 1D721	Φ 1D731	μ 1D741	ϑ 1D751	M 1D761	β 1D771	ς 1D781	B 1D791	Θ 1D7A1	θ 1D7B1	ψ 1D7C1	3 1D7D1	9 1D7E1	5 1D7F1
2	η 1D702	χ 1D712	H 1D722	X 1D732	ν 1D742	κ 1D752	N 1D762	γ 1D772	σ 1D782	Γ 1D792	Σ 1D7A2	ι 1D7B2	ω 1D7C2	4 1D7D2	0 1D7E2	6 1D7F2
3	θ 1D703	ψ 1D713	Θ 1D723	Ψ 1D733	ξ 1D743	ϕ 1D753	Ξ 1D763	δ 1D773	τ 1D783	Δ 1D793	T 1D7A3	κ 1D7B3	∂ 1D7C3	5 1D7D3	1 1D7E3	7 1D7F3
4	ι 1D704	ω 1D714	I 1D724	Ω 1D734	o 1D744	ϱ 1D754	O 1D764	ϵ 1D774	υ 1D784	E 1D794	Y 1D7A4	λ 1D7B4	ϵ 1D7C4	6 1D7D4	2 1D7E4	8 1D7F4
5	κ 1D705	∂ 1D715	K 1D725	∇ 1D735	π 1D745	ϖ 1D755	Π 1D765	ζ 1D775	φ 1D785	Z 1D795	Φ 1D7A5	μ 1D7B5	ϑ 1D7C5	7 1D7D5	3 1D7E5	9 1D7F5
6	λ 1D706	ϵ 1D716	Λ 1D726	α 1D736	ρ 1D746	A 1D756	P 1D766	η 1D776	χ 1D786	H 1D796	X 1D7A6	ν 1D7B6	κ 1D7C6	8 1D7D6	4 1D7E6	0 1D7F6
7	μ 1D707	ϑ 1D717	M 1D727	β 1D737	ς 1D747	B 1D757	Θ 1D767	θ 1D777	ψ 1D787	Θ 1D797	Ψ 1D7A7	ξ 1D7B7	ϕ 1D7C7	9 1D7D7	5 1D7E7	1 1D7F7
8	ν 1D708	κ 1D718	N 1D728	γ 1D738	σ 1D748	Γ 1D758	Σ 1D768	ι 1D778	ω 1D788	I 1D798	Ω 1D7A8	o 1D7B8	ϱ 1D7C8	0 1D7D8	6 1D7E8	2 1D7F8
9	ξ 1D709	ϕ 1D719	Ξ 1D729	δ 1D739	τ 1D749	Δ 1D759	T 1D769	κ 1D779	∂ 1D789	K 1D799	∇ 1D7A9	π 1D7B9	ϖ 1D7C9	1 1D7D9	7 1D7E9	3 1D7F9
A	o 1D70A	ϱ 1D71A	O 1D72A	ϵ 1D73A	υ 1D74A	E 1D75A	Y 1D76A	λ 1D77A	ϵ 1D78A	Λ 1D79A	α 1D7AA	ρ 1D7BA	F 1D7CA	2 1D7DA	8 1D7EA	4 1D7FA
B	π 1D70B	ϖ 1D71B	Π 1D72B	ζ 1D73B	φ 1D74B	Z 1D75B	Φ 1D76B	μ 1D77B	ϑ 1D78B	M 1D79B	β 1D7AB	ς 1D7BB	F 1D7CB	3 1D7DB	9 1D7EB	5 1D7FB
C	ρ 1D70C	A 1D71C	P 1D72C	η 1D73C	χ 1D74C	H 1D75C	X 1D76C	ν 1D77C	κ 1D78C	N 1D79C	γ 1D7AC	σ 1D7BC		4 1D7DC	0 1D7EC	6 1D7FC
D	ς 1D70D	B 1D71D	Θ 1D72D	θ 1D73D	ψ 1D74D	Θ 1D75D	Ψ 1D76D	ξ 1D77D	ϕ 1D78D	Ξ 1D79D	δ 1D7AD	τ 1D7BD		5 1D7DD	1 1D7ED	7 1D7FD
E	σ 1D70E	Γ 1D71E	Σ 1D72E	ι 1D73E	ω 1D74E	I 1D75E	Ω 1D76E	o 1D77E	ϱ 1D78E	O 1D79E	ϵ 1D7AE	υ 1D7BE	0 1D7CE	6 1D7DE	2 1D7EE	8 1D7FE
F	τ 1D70F	Δ 1D71F	T 1D72F	κ 1D73F	∂ 1D74F	K 1D75F	∇ 1D76F	π 1D77F	ϖ 1D78F	Π 1D79F	ζ 1D7AF	φ 1D7BF	1 1D7CF	7 1D7DF	3 1D7EF	9 1D7FF

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	A	MATHEMATICAL BOLD CAPITAL A ≈ 0041 A latin capital letter a
1D401	B	MATHEMATICAL BOLD CAPITAL B ≈ 0042 B latin capital letter b
1D402	C	MATHEMATICAL BOLD CAPITAL C ≈ 0043 C latin capital letter c
1D403	D	MATHEMATICAL BOLD CAPITAL D ≈ 0044 D latin capital letter d
1D404	E	MATHEMATICAL BOLD CAPITAL E ≈ 0045 E latin capital letter e
1D405	F	MATHEMATICAL BOLD CAPITAL F ≈ 0046 F latin capital letter f
1D406	G	MATHEMATICAL BOLD CAPITAL G ≈ 0047 G latin capital letter g
1D407	H	MATHEMATICAL BOLD CAPITAL H ≈ 0048 H latin capital letter h
1D408	I	MATHEMATICAL BOLD CAPITAL I ≈ 0049 I latin capital letter i
1D409	J	MATHEMATICAL BOLD CAPITAL J ≈ 004A J latin capital letter j
1D40A	K	MATHEMATICAL BOLD CAPITAL K ≈ 004B K latin capital letter k
1D40B	L	MATHEMATICAL BOLD CAPITAL L ≈ 004C L latin capital letter l
1D40C	M	MATHEMATICAL BOLD CAPITAL M ≈ 004D M latin capital letter m
1D40D	N	MATHEMATICAL BOLD CAPITAL N ≈ 004E N latin capital letter n
1D40E	O	MATHEMATICAL BOLD CAPITAL O ≈ 004F O latin capital letter o
1D40F	P	MATHEMATICAL BOLD CAPITAL P ≈ 0050 P latin capital letter p
1D410	Q	MATHEMATICAL BOLD CAPITAL Q ≈ 0051 Q latin capital letter q
1D411	R	MATHEMATICAL BOLD CAPITAL R ≈ 0052 R latin capital letter r
1D412	S	MATHEMATICAL BOLD CAPITAL S ≈ 0053 S latin capital letter s
1D413	T	MATHEMATICAL BOLD CAPITAL T ≈ 0054 T latin capital letter t
1D414	U	MATHEMATICAL BOLD CAPITAL U ≈ 0055 U latin capital letter u
1D415	V	MATHEMATICAL BOLD CAPITAL V ≈ 0056 V latin capital letter v
1D416	W	MATHEMATICAL BOLD CAPITAL W ≈ 0057 W latin capital letter w
1D417	X	MATHEMATICAL BOLD CAPITAL X ≈ 0058 X latin capital letter x
1D418	Y	MATHEMATICAL BOLD CAPITAL Y ≈ 0059 Y latin capital letter y
1D419	Z	MATHEMATICAL BOLD CAPITAL Z ≈ 005A Z latin capital letter z
1D41A	a	MATHEMATICAL BOLD SMALL A ≈ 0061 a latin small letter a
1D41B	b	MATHEMATICAL BOLD SMALL B ≈ 0062 b latin small letter b
1D41C	c	MATHEMATICAL BOLD SMALL C ≈ 0063 c latin small letter c

1D41D	d	MATHEMATICAL BOLD SMALL D ≈ 0064 d latin small letter d
1D41E	e	MATHEMATICAL BOLD SMALL E ≈ 0065 e latin small letter e
1D41F	f	MATHEMATICAL BOLD SMALL F ≈ 0066 f latin small letter f
1D420	g	MATHEMATICAL BOLD SMALL G ≈ 0067 g latin small letter g
1D421	h	MATHEMATICAL BOLD SMALL H ≈ 0068 h latin small letter h
1D422	i	MATHEMATICAL BOLD SMALL I ≈ 0069 i latin small letter i
1D423	j	MATHEMATICAL BOLD SMALL J ≈ 006A j latin small letter j
1D424	k	MATHEMATICAL BOLD SMALL K ≈ 006B k latin small letter k
1D425	l	MATHEMATICAL BOLD SMALL L ≈ 006C l latin small letter l
1D426	m	MATHEMATICAL BOLD SMALL M ≈ 006D m latin small letter m
1D427	n	MATHEMATICAL BOLD SMALL N ≈ 006E n latin small letter n
1D428	o	MATHEMATICAL BOLD SMALL O ≈ 006F o latin small letter o
1D429	p	MATHEMATICAL BOLD SMALL P ≈ 0070 p latin small letter p
1D42A	q	MATHEMATICAL BOLD SMALL Q ≈ 0071 q latin small letter q
1D42B	r	MATHEMATICAL BOLD SMALL R ≈ 0072 r latin small letter r
1D42C	s	MATHEMATICAL BOLD SMALL S ≈ 0073 s latin small letter s
1D42D	t	MATHEMATICAL BOLD SMALL T ≈ 0074 t latin small letter t
1D42E	u	MATHEMATICAL BOLD SMALL U ≈ 0075 u latin small letter u
1D42F	v	MATHEMATICAL BOLD SMALL V ≈ 0076 v latin small letter v
1D430	w	MATHEMATICAL BOLD SMALL W ≈ 0077 w latin small letter w
1D431	x	MATHEMATICAL BOLD SMALL X ≈ 0078 x latin small letter x
1D432	y	MATHEMATICAL BOLD SMALL Y ≈ 0079 y latin small letter y
1D433	z	MATHEMATICAL BOLD SMALL Z ≈ 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	A	MATHEMATICAL ITALIC CAPITAL A ≈ 0041 A latin capital letter a
1D435	B	MATHEMATICAL ITALIC CAPITAL B ≈ 0042 B latin capital letter b
1D436	C	MATHEMATICAL ITALIC CAPITAL C ≈ 0043 C latin capital letter c
1D437	D	MATHEMATICAL ITALIC CAPITAL D ≈ 0044 D latin capital letter d
1D438	E	MATHEMATICAL ITALIC CAPITAL E ≈ 0045 E latin capital letter e
1D439	F	MATHEMATICAL ITALIC CAPITAL F ≈ 0046 F latin capital letter f

1D43A *G* MATHEMATICAL ITALIC CAPITAL G
 ≈ 0047 **G** latin capital letter g

1D43B *H* MATHEMATICAL ITALIC CAPITAL H
 ≈ 0048 **H** latin capital letter h

1D43C *I* MATHEMATICAL ITALIC CAPITAL I
 ≈ 0049 **I** latin capital letter i

1D43D *J* MATHEMATICAL ITALIC CAPITAL J
 ≈ 004A **J** latin capital letter j

1D43E *K* MATHEMATICAL ITALIC CAPITAL K
 ≈ 004B **K** latin capital letter k

1D43F *L* MATHEMATICAL ITALIC CAPITAL L
 ≈ 004C **L** latin capital letter l

1D440 *M* MATHEMATICAL ITALIC CAPITAL M
 ≈ 004D **M** latin capital letter m

1D441 *N* MATHEMATICAL ITALIC CAPITAL N
 ≈ 004E **N** latin capital letter n

1D442 *O* MATHEMATICAL ITALIC CAPITAL O
 ≈ 004F **O** latin capital letter o

1D443 *P* MATHEMATICAL ITALIC CAPITAL P
 ≈ 0050 **P** latin capital letter p

1D444 *Q* MATHEMATICAL ITALIC CAPITAL Q
 ≈ 0051 **Q** latin capital letter q

1D445 *R* MATHEMATICAL ITALIC CAPITAL R
 ≈ 0052 **R** latin capital letter r

1D446 *S* MATHEMATICAL ITALIC CAPITAL S
 ≈ 0053 **S** latin capital letter s

1D447 *T* MATHEMATICAL ITALIC CAPITAL T
 ≈ 0054 **T** latin capital letter t

1D448 *U* MATHEMATICAL ITALIC CAPITAL U
 ≈ 0055 **U** latin capital letter u

1D449 *V* MATHEMATICAL ITALIC CAPITAL V
 ≈ 0056 **V** latin capital letter v

1D44A *W* MATHEMATICAL ITALIC CAPITAL W
 ≈ 0057 **W** latin capital letter w

1D44B *X* MATHEMATICAL ITALIC CAPITAL X
 ≈ 0058 **X** latin capital letter x

1D44C *Y* MATHEMATICAL ITALIC CAPITAL Y
 ≈ 0059 **Y** latin capital letter y

1D44D *Z* MATHEMATICAL ITALIC CAPITAL Z
 ≈ 005A **Z** latin capital letter z

1D44E *a* MATHEMATICAL ITALIC SMALL A
 ≈ 0061 **a** latin small letter a

1D44F *b* MATHEMATICAL ITALIC SMALL B
 ≈ 0062 **b** latin small letter b


1D450 *c* MATHEMATICAL ITALIC SMALL C
 ≈ 0063 **c** latin small letter c

1D451 *d* MATHEMATICAL ITALIC SMALL D
 ≈ 0064 **d** latin small letter d

1D452 *e* MATHEMATICAL ITALIC SMALL E
 ≈ 0065 **e** latin small letter e

1D453 *f* MATHEMATICAL ITALIC SMALL F
 ≈ 0066 **f** latin small letter f

1D454 *g* MATHEMATICAL ITALIC SMALL G
 ≈ 0067 **g** latin small letter g

1D455  <reserved>
 → 210E **h** planck constant

1D456 *i* MATHEMATICAL ITALIC SMALL I
 ≈ 0069 **i** latin small letter i

1D457 *j* MATHEMATICAL ITALIC SMALL J
 ≈ 006A **j** latin small letter j

1D458 *k* MATHEMATICAL ITALIC SMALL K
 ≈ 006B **k** latin small letter k

1D459 *l* MATHEMATICAL ITALIC SMALL L
 ≈ 006C **l** latin small letter l

1D45A *m* MATHEMATICAL ITALIC SMALL M
 ≈ 006D **m** latin small letter m

1D45B *n* MATHEMATICAL ITALIC SMALL N
 ≈ 006E **n** latin small letter n

1D45C *o* MATHEMATICAL ITALIC SMALL O
 ≈ 006F **o** latin small letter o

1D45D *p* MATHEMATICAL ITALIC SMALL P
 ≈ 0070 **p** latin small letter p

1D45E *q* MATHEMATICAL ITALIC SMALL Q
 ≈ 0071 **q** latin small letter q

1D45F *r* MATHEMATICAL ITALIC SMALL R
 ≈ 0072 **r** latin small letter r

1D460 *s* MATHEMATICAL ITALIC SMALL S
 ≈ 0073 **s** latin small letter s

1D461 *t* MATHEMATICAL ITALIC SMALL T
 ≈ 0074 **t** latin small letter t

1D462 *u* MATHEMATICAL ITALIC SMALL U
 ≈ 0075 **u** latin small letter u

1D463 *v* MATHEMATICAL ITALIC SMALL V
 ≈ 0076 **v** latin small letter v

1D464 *w* MATHEMATICAL ITALIC SMALL W
 ≈ 0077 **w** latin small letter w

1D465 *x* MATHEMATICAL ITALIC SMALL X
 ≈ 0078 **x** latin small letter x

1D466 *y* MATHEMATICAL ITALIC SMALL Y
 ≈ 0079 **y** latin small letter y

1D467 *z* MATHEMATICAL ITALIC SMALL Z
 ≈ 007A **z** latin small letter z

Bold italic symbols

1D468 ***A*** MATHEMATICAL BOLD ITALIC CAPITAL A
 ≈ 0041 **A** latin capital letter a

1D469 ***B*** MATHEMATICAL BOLD ITALIC CAPITAL B
 ≈ 0042 **B** latin capital letter b

1D46A ***C*** MATHEMATICAL BOLD ITALIC CAPITAL C
 ≈ 0043 **C** latin capital letter c

1D46B ***D*** MATHEMATICAL BOLD ITALIC CAPITAL D
 ≈ 0044 **D** latin capital letter d

1D46C ***E*** MATHEMATICAL BOLD ITALIC CAPITAL E
 ≈ 0045 **E** latin capital letter e

1D46D ***F*** MATHEMATICAL BOLD ITALIC CAPITAL F
 ≈ 0046 **F** latin capital letter f

1D46E ***G*** MATHEMATICAL BOLD ITALIC CAPITAL G
 ≈ 0047 **G** latin capital letter g

1D46F ***H*** MATHEMATICAL BOLD ITALIC CAPITAL H
 ≈ 0048 **H** latin capital letter h

1D470 ***I*** MATHEMATICAL BOLD ITALIC CAPITAL I
 ≈ 0049 **I** latin capital letter i

1D471 ***J*** MATHEMATICAL BOLD ITALIC CAPITAL J
 ≈ 004A **J** latin capital letter j

1D472 ***K*** MATHEMATICAL BOLD ITALIC CAPITAL K
 ≈ 004B **K** latin capital letter k

1D473 ***L*** MATHEMATICAL BOLD ITALIC CAPITAL L
 ≈ 004C **L** latin capital letter l

1D474 ***M*** MATHEMATICAL BOLD ITALIC CAPITAL M
 ≈ 004D **M** latin capital letter m

1D475 ***N*** MATHEMATICAL BOLD ITALIC CAPITAL N
 ≈ 004E **N** latin capital letter n

1D476 ***O*** MATHEMATICAL BOLD ITALIC CAPITAL O
 ≈ 004F **O** latin capital letter o

1D477 ***P*** MATHEMATICAL BOLD ITALIC CAPITAL P
 ≈ 0050 **P** latin capital letter p

1D478 ***Q*** MATHEMATICAL BOLD ITALIC CAPITAL Q
 ≈ 0051 **Q** latin capital letter q

1D479 ***R*** MATHEMATICAL BOLD ITALIC CAPITAL R
 ≈ 0052 **R** latin capital letter r

1D47A ***S*** MATHEMATICAL BOLD ITALIC CAPITAL S
 ≈ 0053 **S** latin capital letter s

1D47B ***T*** MATHEMATICAL BOLD ITALIC CAPITAL T
 ≈ 0054 **T** latin capital letter t

1D47C ***U*** MATHEMATICAL BOLD ITALIC CAPITAL U
 ≈ 0055 **U** latin capital letter u

1D47D ***V*** MATHEMATICAL BOLD ITALIC CAPITAL V
 ≈ 0056 **V** latin capital letter v

1D47E ***W*** MATHEMATICAL BOLD ITALIC CAPITAL W
 ≈ 0057 **W** latin capital letter w

1D47F ***X*** MATHEMATICAL BOLD ITALIC CAPITAL X
 ≈ 0058 **X** latin capital letter x

1D480 ***Y*** MATHEMATICAL BOLD ITALIC CAPITAL Y
 ≈ 0059 **Y** latin capital letter y

1D481 ***Z*** MATHEMATICAL BOLD ITALIC CAPITAL Z
 ≈ 005A **Z** latin capital letter z

1D482 ***a*** MATHEMATICAL BOLD ITALIC SMALL A
 ≈ 0061 **a** latin small letter a

1D483 ***b*** MATHEMATICAL BOLD ITALIC SMALL B
 ≈ 0062 **b** latin small letter b

1D484 ***c*** MATHEMATICAL BOLD ITALIC SMALL C
 ≈ 0063 **c** latin small letter c

1D485 ***d*** MATHEMATICAL BOLD ITALIC SMALL D
 ≈ 0064 **d** latin small letter d

1D486 ***e*** MATHEMATICAL BOLD ITALIC SMALL E
 ≈ 0065 **e** latin small letter e

1D487 ***f*** MATHEMATICAL BOLD ITALIC SMALL F
 ≈ 0066 **f** latin small letter f

1D488 ***g*** MATHEMATICAL BOLD ITALIC SMALL G
 ≈ 0067 **g** latin small letter g

1D489 ***h*** MATHEMATICAL BOLD ITALIC SMALL H
 ≈ 0068 **h** latin small letter h

1D48A ***i*** MATHEMATICAL BOLD ITALIC SMALL I
 ≈ 0069 **i** latin small letter i

1D48B ***j*** MATHEMATICAL BOLD ITALIC SMALL J
 ≈ 006A **j** latin small letter j

1D48C ***k*** MATHEMATICAL BOLD ITALIC SMALL K
 ≈ 006B **k** latin small letter k

1D48D ***l*** MATHEMATICAL BOLD ITALIC SMALL L
 ≈ 006C **l** latin small letter l

1D48E ***m*** MATHEMATICAL BOLD ITALIC SMALL M
 ≈ 006D **m** latin small letter m

1D48F ***n*** MATHEMATICAL BOLD ITALIC SMALL N
 ≈ 006E **n** latin small letter n

1D490 ***o*** MATHEMATICAL BOLD ITALIC SMALL O
 ≈ 006F **o** latin small letter o

1D491 ***p*** MATHEMATICAL BOLD ITALIC SMALL P
 ≈ 0070 **p** latin small letter p

1D492 ***q*** MATHEMATICAL BOLD ITALIC SMALL Q
 ≈ 0071 **q** latin small letter q

1D493 ***r*** MATHEMATICAL BOLD ITALIC SMALL R
 ≈ 0072 **r** latin small letter r

1D494 ***s*** MATHEMATICAL BOLD ITALIC SMALL S
 ≈ 0073 **s** latin small letter s

1D495 ***t*** MATHEMATICAL BOLD ITALIC SMALL T
 ≈ 0074 **t** latin small letter t

1D496 ***u*** MATHEMATICAL BOLD ITALIC SMALL U
 ≈ 0075 **u** latin small letter u

1D497 ***v*** MATHEMATICAL BOLD ITALIC SMALL V
 ≈ 0076 **v** latin small letter v

1D498 ***w*** MATHEMATICAL BOLD ITALIC SMALL W
 ≈ 0077 **w** latin small letter w

1D499 ***x*** MATHEMATICAL BOLD ITALIC SMALL X
 ≈ 0078 **x** latin small letter x

1D49A ***y*** MATHEMATICAL BOLD ITALIC SMALL Y
 ≈ 0079 **y** latin small letter y

1D49B ***z*** MATHEMATICAL BOLD ITALIC SMALL Z
 ≈ 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 serified and italic styles.

1D49C ***ℳ*** MATHEMATICAL SCRIPT CAPITAL A
 ~ 1D49C FE00 **ℳ** chancery style
 ~ 1D49C FE01 **ℳ** roundhand style
 ≈ 0041 **A** latin capital letter a

1D49D ***ℴ*** **<reserved>**
 → 212C **ℴ** script capital b

1D49E ***ℵ*** MATHEMATICAL SCRIPT CAPITAL C
 ~ 1D49E FE00 **ℵ** chancery style
 ~ 1D49E FE01 **ℵ** roundhand style
 ≈ 0043 **C** latin capital letter c

1D49F ***ℶ*** MATHEMATICAL SCRIPT CAPITAL D
 ~ 1D49F FE00 **ℶ** chancery style
 ~ 1D49F FE01 **ℶ** roundhand style
 ≈ 0044 **D** latin capital letter d

1D4A0 ***ℷ*** **<reserved>**
 → 2130 **ℷ** script capital e

1D4A1 ***ℸ*** **<reserved>**
 → 2131 **ℸ** script capital f

1D4A2 ***ℹ*** MATHEMATICAL SCRIPT CAPITAL G
 ~ 1D4A2 FE00 **ℹ** chancery style
 ~ 1D4A2 FE01 **ℹ** roundhand style
 ≈ 0047 **G** latin capital letter g

1D4A3 ***℺*** **<reserved>**
 → 210B **℺** script capital h

1D4A4 ***℻*** **<reserved>**
 → 2110 **℻** script capital i





1D4A5 ***ℼ*** MATHEMATICAL SCRIPT CAPITAL J
 ~ 1D4A5 FE00 **ℼ** chancery style
 ~ 1D4A5 FE01 **ℼ** roundhand style
 ≈ 004A **J** latin capital letter j





1D4A6 ***ℽ*** MATHEMATICAL SCRIPT CAPITAL K
 ~ 1D4A6 FE00 **ℽ** chancery style
 ~ 1D4A6 FE01 **ℽ** roundhand style
 ≈ 004B **K** latin capital letter k





1D4A7 ***ℿ*** **<reserved>**
 → 2112 **ℿ** script capital l



1D4A8 ***℠*** **<reserved>**
 → 2133 **℠** script capital m





1D4A9 ***℡*** MATHEMATICAL SCRIPT CAPITAL N
 ~ 1D4A9 FE00 **℡** chancery style
 ~ 1D4A9 FE01 **℡** roundhand style
 ≈ 004E **N** latin capital letter n





1D4AA  MATHEMATICAL SCRIPT CAPITAL O
 ~ 1D4AA FE00  chancery style
 ~ 1D4AA FE01  roundhand style
 ≈ 004F  latin capital letter o





1D4AB  MATHEMATICAL SCRIPT CAPITAL P
 = power set
 ~ 1D4AB FE00  chancery style
 ~ 1D4AB FE01  roundhand style
 ≈ 0050  latin capital letter p





1D4AC  MATHEMATICAL SCRIPT CAPITAL Q
 ~ 1D4AC FE00  chancery style
 ~ 1D4AC FE01  roundhand style
 ≈ 0051  latin capital letter q





1D4AD  <reserved>
 → 211B  script capital r





1D4AE  MATHEMATICAL SCRIPT CAPITAL S
 ~ 1D4AE FE00  chancery style
 ~ 1D4AE FE01  roundhand style
 ≈ 0053  latin capital letter s





1D4AF  MATHEMATICAL SCRIPT CAPITAL T
 ~ 1D4AF FE00  chancery style
 ~ 1D4AF FE01  roundhand style
 ≈ 0054  latin capital letter t





1D4B0  MATHEMATICAL SCRIPT CAPITAL U
 ~ 1D4B0 FE00  chancery style
 ~ 1D4B0 FE01  roundhand style
 ≈ 0055  latin capital letter u



1D4B1  MATHEMATICAL SCRIPT CAPITAL V
 ~ 1D4B1 FE00  chancery style
 ~ 1D4B1 FE01  roundhand style
 ≈ 0056  latin capital letter v



1D4B2  MATHEMATICAL SCRIPT CAPITAL W
 ~ 1D4B2 FE00  chancery style
 ~ 1D4B2 FE01  roundhand style
 ≈ 0057  latin capital letter w



1D4B3  MATHEMATICAL SCRIPT CAPITAL X
 ~ 1D4B3 FE00  chancery style
 ~ 1D4B3 FE01  roundhand style
 ≈ 0058  latin capital letter x



1D4B4  MATHEMATICAL SCRIPT CAPITAL Y
 ~ 1D4B4 FE00  chancery style
 ~ 1D4B4 FE01  roundhand style
 ≈ 0059  latin capital letter y



1D4B5  MATHEMATICAL SCRIPT CAPITAL Z
 ~ 1D4B5 FE00  chancery style
 ~ 1D4B5 FE01  roundhand style
 ≈ 005A  latin capital letter z



1D4B6  MATHEMATICAL SCRIPT SMALL A
 ≈ 0061  latin small letter a



1D4B7  MATHEMATICAL SCRIPT SMALL B
 ≈ 0062  latin small letter b



1D4B8  MATHEMATICAL SCRIPT SMALL C
 ≈ 0063  latin small letter c



1D4B9  MATHEMATICAL SCRIPT SMALL D
 ≈ 0064  latin small letter d



1D4BA  <reserved>
 → 212F  script small e



1D4BB  MATHEMATICAL SCRIPT SMALL F
 ≈ 0066  latin small letter f




1D4BC  <reserved>
 → 210A  script small g



1D4BD  MATHEMATICAL SCRIPT SMALL H
 ≈ 0068  latin small letter h



1D4BE  MATHEMATICAL SCRIPT SMALL I
 ≈ 0069  latin small letter i



1D4BF  MATHEMATICAL SCRIPT SMALL J
 ≈ 006A  latin small letter j



1D4C0  MATHEMATICAL SCRIPT SMALL K
 ≈ 006B  latin small letter k



1D4C1  MATHEMATICAL SCRIPT SMALL L
 → 2113  script small l
 ≈ 006C  latin small letter l



1D4C2  MATHEMATICAL SCRIPT SMALL M
 ≈ 006D  latin small letter m



1D4C3  MATHEMATICAL SCRIPT SMALL N
 ≈ 006E  latin small letter n



1D4C4  <reserved>
 → 2134  script small o



1D4C5  MATHEMATICAL SCRIPT SMALL P
 ≈ 0070  latin small letter p



1D4C6  MATHEMATICAL SCRIPT SMALL Q
 ≈ 0071  latin small letter q



1D4C7  MATHEMATICAL SCRIPT SMALL R
 ≈ 0072  latin small letter r



1D4C8  MATHEMATICAL SCRIPT SMALL S
 ≈ 0073  latin small letter s



1D4C9  MATHEMATICAL SCRIPT SMALL T
 ≈ 0074  latin small letter t



1D4CA  MATHEMATICAL SCRIPT SMALL U
 ≈ 0075  latin small letter u

1D4CB  MATHEMATICAL SCRIPT SMALL V
 ≈ 0076  latin small letter v



1D4CC  MATHEMATICAL SCRIPT SMALL W
 ≈ 0077  latin small letter w



1D4CD  MATHEMATICAL SCRIPT SMALL X
 ≈ 0078  latin small letter x



1D4CE  MATHEMATICAL SCRIPT SMALL Y
 ≈ 0079  latin small letter y



1D4CF  MATHEMATICAL SCRIPT SMALL Z
 ≈ 007A  latin small letter z



Bold script symbols



1D4D0  MATHEMATICAL BOLD SCRIPT CAPITAL A
 ≈ 0041  latin capital letter a



1D4D1  MATHEMATICAL BOLD SCRIPT CAPITAL B
 ≈ 0042  latin capital letter b



1D4D2  MATHEMATICAL BOLD SCRIPT CAPITAL C
 ≈ 0043  latin capital letter c



1D4D3  MATHEMATICAL BOLD SCRIPT CAPITAL D
 ≈ 0044  latin capital letter d



1D4D4  MATHEMATICAL BOLD SCRIPT CAPITAL E
 ≈ 0045  latin capital letter e



1D4D5  MATHEMATICAL BOLD SCRIPT CAPITAL F
 ≈ 0046  latin capital letter f



1D4D6  MATHEMATICAL BOLD SCRIPT CAPITAL G
 ≈ 0047  latin capital letter g

1D4D7  MATHEMATICAL BOLD SCRIPT CAPITAL H
 ≈ 0048  latin capital letter h

1D4D8  MATHEMATICAL BOLD SCRIPT CAPITAL I
 ≈ 0049  latin capital letter i

1D4D9  MATHEMATICAL BOLD SCRIPT CAPITAL J
 ≈ 004A  latin capital letter j

1D4DA  MATHEMATICAL BOLD SCRIPT CAPITAL K
 ≈ 004B  latin capital letter k

1D4DB  MATHEMATICAL BOLD SCRIPT CAPITAL L
 ≈ 004C  latin capital letter l

1D4DC **M** MATHEMATICAL BOLD SCRIPT CAPITAL M
 ≈ 004D **M** latin capital letter m

1D4DD **N** MATHEMATICAL BOLD SCRIPT CAPITAL N
 ≈ 004E **N** latin capital letter n

1D4DE **O** MATHEMATICAL BOLD SCRIPT CAPITAL O
 ≈ 004F **O** latin capital letter o

1D4DF **P** MATHEMATICAL BOLD SCRIPT CAPITAL P
 ≈ 0050 **P** latin capital letter p

1D4E0 **Q** MATHEMATICAL BOLD SCRIPT CAPITAL Q
 ≈ 0051 **Q** latin capital letter q

1D4E1 **R** MATHEMATICAL BOLD SCRIPT CAPITAL R
 ≈ 0052 **R** latin capital letter r

1D4E2 **S** MATHEMATICAL BOLD SCRIPT CAPITAL S
 ≈ 0053 **S** latin capital letter s

1D4E3 **T** MATHEMATICAL BOLD SCRIPT CAPITAL T
 ≈ 0054 **T** latin capital letter t

1D4E4 **U** MATHEMATICAL BOLD SCRIPT CAPITAL U
 ≈ 0055 **U** latin capital letter u

1D4E5 **V** MATHEMATICAL BOLD SCRIPT CAPITAL V
 ≈ 0056 **V** latin capital letter v

1D4E6 **W** MATHEMATICAL BOLD SCRIPT CAPITAL W
 ≈ 0057 **W** latin capital letter w

1D4E7 **X** MATHEMATICAL BOLD SCRIPT CAPITAL X
 ≈ 0058 **X** latin capital letter x

1D4E8 **Y** MATHEMATICAL BOLD SCRIPT CAPITAL Y
 ≈ 0059 **Y** latin capital letter y

1D4E9 **Z** MATHEMATICAL BOLD SCRIPT CAPITAL Z
 ≈ 005A **Z** latin capital letter z

1D4EA **a** MATHEMATICAL BOLD SCRIPT SMALL A
 ≈ 0061 **a** latin small letter a

1D4EB **b** MATHEMATICAL BOLD SCRIPT SMALL B
 ≈ 0062 **b** latin small letter b

1D4EC **c** MATHEMATICAL BOLD SCRIPT SMALL C
 ≈ 0063 **c** latin small letter c

1D4ED **d** MATHEMATICAL BOLD SCRIPT SMALL D
 ≈ 0064 **d** latin small letter d

1D4EE **e** MATHEMATICAL BOLD SCRIPT SMALL E
 ≈ 0065 **e** latin small letter e

1D4EF **f** MATHEMATICAL BOLD SCRIPT SMALL F
 ≈ 0066 **f** latin small letter f

1D4F0 **g** MATHEMATICAL BOLD SCRIPT SMALL G
 ≈ 0067 **g** latin small letter g

1D4F1 **h** MATHEMATICAL BOLD SCRIPT SMALL H
 ≈ 0068 **h** latin small letter h

1D4F2 **i** MATHEMATICAL BOLD SCRIPT SMALL I
 ≈ 0069 **i** latin small letter i

1D4F3 **j** MATHEMATICAL BOLD SCRIPT SMALL J
 ≈ 006A **j** latin small letter j

1D4F4 **k** MATHEMATICAL BOLD SCRIPT SMALL K
 ≈ 006B **k** latin small letter k

1D4F5 **l** MATHEMATICAL BOLD SCRIPT SMALL L
 ≈ 006C **l** latin small letter l

1D4F6 **m** MATHEMATICAL BOLD SCRIPT SMALL M
 ≈ 006D **m** latin small letter m

1D4F7 **n** MATHEMATICAL BOLD SCRIPT SMALL N
 ≈ 006E **n** latin small letter n

1D4F8 **o** MATHEMATICAL BOLD SCRIPT SMALL O
 ≈ 006F **o** latin small letter o

1D4F9 **p** MATHEMATICAL BOLD SCRIPT SMALL P
 ≈ 0070 **p** latin small letter p

1D4FA **q** MATHEMATICAL BOLD SCRIPT SMALL Q
 ≈ 0071 **q** latin small letter q

1D4FB **r** MATHEMATICAL BOLD SCRIPT SMALL R
 ≈ 0072 **r** latin small letter r

1D4FC **s** MATHEMATICAL BOLD SCRIPT SMALL S
 ≈ 0073 **s** latin small letter s

1D4FD **t** MATHEMATICAL BOLD SCRIPT SMALL T
 ≈ 0074 **t** latin small letter t

1D4FE **u** MATHEMATICAL BOLD SCRIPT SMALL U
 ≈ 0075 **u** latin small letter u

1D4FF **v** MATHEMATICAL BOLD SCRIPT SMALL V
 ≈ 0076 **v** latin small letter v

1D500 **w** MATHEMATICAL BOLD SCRIPT SMALL W
 ≈ 0077 **w** latin small letter w

1D501 **x** MATHEMATICAL BOLD SCRIPT SMALL X
 ≈ 0078 **x** latin small letter x

1D502 **y** MATHEMATICAL BOLD SCRIPT SMALL Y
 ≈ 0079 **y** latin small letter y


1D503 **z** MATHEMATICAL BOLD SCRIPT SMALL Z
 ≈ 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 **A** MATHEMATICAL FRAKTUR CAPITAL A
 ≈ 0041 **A** latin capital letter a

1D505 **B** MATHEMATICAL FRAKTUR CAPITAL B
 ≈ 0042 **B** latin capital letter b


1D506  **<reserved>**
 → 212D **C** black-letter capital c


1D507 **D** MATHEMATICAL FRAKTUR CAPITAL D
 ≈ 0044 **D** latin capital letter d

1D508 **E** MATHEMATICAL FRAKTUR CAPITAL E
 ≈ 0045 **E** latin capital letter e

1D509 **F** MATHEMATICAL FRAKTUR CAPITAL F
 ≈ 0046 **F** latin capital letter f

1D50A **G** MATHEMATICAL FRAKTUR CAPITAL G
 ≈ 0047 **G** latin capital letter g

1D50B  **<reserved>**
 → 210C **H** black-letter capital h

1D50C  **<reserved>**
 → 2111 **I** black-letter capital i

1D50D **J** MATHEMATICAL FRAKTUR CAPITAL J
 ≈ 004A **J** latin capital letter j

1D50E **K** MATHEMATICAL FRAKTUR CAPITAL K
 ≈ 004B **K** latin capital letter k

1D50F **L** MATHEMATICAL FRAKTUR CAPITAL L
 ≈ 004C **L** latin capital letter l


1D510 **M** MATHEMATICAL FRAKTUR CAPITAL M
 = New Testament majority text
 ≈ 004D **M** latin capital letter m

1D511 **N** MATHEMATICAL FRAKTUR CAPITAL N
 ≈ 004E **N** latin capital letter n

1D512 **O** MATHEMATICAL FRAKTUR CAPITAL O
 ≈ 004F **O** latin capital letter o

1D513 **P** MATHEMATICAL FRAKTUR CAPITAL P
 ≈ 0050 **P** latin capital letter p

1D514 **Q** MATHEMATICAL FRAKTUR CAPITAL Q
 ≈ 0051 **Q** latin capital letter q

1D515  **<reserved>**
 → 211C **R** black-letter capital r

1D516 **S** MATHEMATICAL FRAKTUR CAPITAL S
 = Septuagint, Greek Old Testament
 ≈ 0053 **S** latin capital letter s

1D517	𝔤	MATHEMATICAL FRAKTUR CAPITAL T ≈ 0054 T latin capital letter t
1D518	𝔖	MATHEMATICAL FRAKTUR CAPITAL U ≈ 0055 U latin capital letter u
1D519	𝔗	MATHEMATICAL FRAKTUR CAPITAL V ≈ 0056 V latin capital letter v
1D51A	𝔘	MATHEMATICAL FRAKTUR CAPITAL W ≈ 0057 W latin capital letter w
1D51B	𝔙	MATHEMATICAL FRAKTUR CAPITAL X ≈ 0058 X latin capital letter x
1D51C	𝔚	MATHEMATICAL FRAKTUR CAPITAL Y ≈ 0059 Y latin capital letter y
1D51D	◻	<reserved> → 2128 3 black-letter capital z
1D51E	𝔞	MATHEMATICAL FRAKTUR SMALL A ≈ 0061 a latin small letter a
1D51F	𝔟	MATHEMATICAL FRAKTUR SMALL B ≈ 0062 b latin small letter b
1D520	𝔠	MATHEMATICAL FRAKTUR SMALL C ≈ 0063 c latin small letter c
1D521	𝔡	MATHEMATICAL FRAKTUR SMALL D ≈ 0064 d latin small letter d
1D522	𝔢	MATHEMATICAL FRAKTUR SMALL E ≈ 0065 e latin small letter e
1D523	𝔣	MATHEMATICAL FRAKTUR SMALL F ≈ 0066 f latin small letter f
1D524	𝔤	MATHEMATICAL FRAKTUR SMALL G ≈ 0067 g latin small letter g
1D525	𝔥	MATHEMATICAL FRAKTUR SMALL H ≈ 0068 h latin small letter h
1D526	𝔦	MATHEMATICAL FRAKTUR SMALL I ≈ 0069 i latin small letter i
1D527	𝔧	MATHEMATICAL FRAKTUR SMALL J ≈ 006A j latin small letter j
1D528	𝔨	MATHEMATICAL FRAKTUR SMALL K ≈ 006B k latin small letter k
1D529	𝔩	MATHEMATICAL FRAKTUR SMALL L ≈ 006C l latin small letter l
1D52A	𝔪	MATHEMATICAL FRAKTUR SMALL M ≈ 006D m latin small letter m
1D52B	𝔫	MATHEMATICAL FRAKTUR SMALL N ≈ 006E n latin small letter n
1D52C	𝔞	MATHEMATICAL FRAKTUR SMALL O ≈ 006F o latin small letter o
1D52D	𝔭	MATHEMATICAL FRAKTUR SMALL P ≈ 0070 p latin small letter p
1D52E	𝔠	MATHEMATICAL FRAKTUR SMALL Q ≈ 0071 q latin small letter q
1D52F	𝔣	MATHEMATICAL FRAKTUR SMALL R ≈ 0072 r latin small letter r
1D530	𝔥	MATHEMATICAL FRAKTUR SMALL S ≈ 0073 s latin small letter s
1D531	𝔩	MATHEMATICAL FRAKTUR SMALL T ≈ 0074 t latin small letter t
1D532	𝔞	MATHEMATICAL FRAKTUR SMALL U ≈ 0075 u latin small letter u
1D533	𝔟	MATHEMATICAL FRAKTUR SMALL V ≈ 0076 v latin small letter v
1D534	𝔞	MATHEMATICAL FRAKTUR SMALL W ≈ 0077 w latin small letter w
1D535	𝔣	MATHEMATICAL FRAKTUR SMALL X ≈ 0078 x latin small letter x

1D536	𝔞	MATHEMATICAL FRAKTUR SMALL Y ≈ 0079 y latin small letter y
1D537	𝔞	MATHEMATICAL FRAKTUR SMALL Z ≈ 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 are 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 left exists ≈ 0041 A latin capital letter a
1D539	𝔹	MATHEMATICAL DOUBLE-STRUCK CAPITAL B ≈ 0042 B latin capital letter b
1D53A	◻	<reserved> → 2102 © double-struck capital c
1D53B	𝔻	MATHEMATICAL DOUBLE-STRUCK CAPITAL D ≈ 0044 D latin capital letter d
1D53C	𝔼	MATHEMATICAL DOUBLE-STRUCK CAPITAL E ≈ 0045 E latin capital letter e
1D53D	𝔽	MATHEMATICAL DOUBLE-STRUCK CAPITAL F ≈ 0046 F latin capital letter f
1D53E	𝔾	MATHEMATICAL DOUBLE-STRUCK CAPITAL G ≈ 0047 G latin capital letter g
1D53F	◻	<reserved> → 210D ℋ double-struck capital h
1D540	𝔬	MATHEMATICAL DOUBLE-STRUCK CAPITAL I ≈ 0049 I latin capital letter i
1D541	𝔼	MATHEMATICAL DOUBLE-STRUCK CAPITAL J ≈ 004A J latin capital letter j
1D542	𝔽	MATHEMATICAL DOUBLE-STRUCK CAPITAL K ≈ 004B K latin capital letter k
1D543	𝔽	MATHEMATICAL DOUBLE-STRUCK CAPITAL L ≈ 004C L latin capital letter l
1D544	𝔽	MATHEMATICAL DOUBLE-STRUCK CAPITAL M ≈ 004D M latin capital letter m
1D545	◻	<reserved> → 2115 ℕ double-struck capital n
1D546	𝔽	MATHEMATICAL DOUBLE-STRUCK CAPITAL O ≈ 004F O latin capital letter o
1D547	◻	<reserved> → 2119 ℙ double-struck capital p
1D548	◻	<reserved> → 211A ℚ double-struck capital q
1D549	◻	<reserved> → 211D ℞ double-struck capital r
1D54A	𝔽	MATHEMATICAL DOUBLE-STRUCK CAPITAL S ≈ 0053 S latin capital letter s
1D54B	𝔽	MATHEMATICAL DOUBLE-STRUCK CAPITAL T ≈ 0054 T latin capital letter t
1D54C	𝔽	MATHEMATICAL DOUBLE-STRUCK CAPITAL U ≈ 0055 U latin capital letter u
1D54D	𝔽	MATHEMATICAL DOUBLE-STRUCK CAPITAL V ≈ 0056 V latin capital letter v
1D54E	𝔽	MATHEMATICAL DOUBLE-STRUCK CAPITAL W ≈ 0057 W latin capital letter w
1D54F	𝔽	MATHEMATICAL DOUBLE-STRUCK CAPITAL X ≈ 0058 X latin capital letter x
1D550	𝔽	MATHEMATICAL DOUBLE-STRUCK CAPITAL Y ≈ 0059 Y latin capital letter y

1D551		<reserved> → 2124 Z double-struck capital z
1D552		MATHEMATICAL DOUBLE-STRUCK SMALL A ≈ 0061 a latin small letter a
1D553		MATHEMATICAL DOUBLE-STRUCK SMALL B ≈ 0062 b latin small letter b
1D554		MATHEMATICAL DOUBLE-STRUCK SMALL C ≈ 0063 c latin small letter c
1D555		MATHEMATICAL DOUBLE-STRUCK SMALL D ≈ 0064 d latin small letter d
1D556		MATHEMATICAL DOUBLE-STRUCK SMALL E ≈ 0065 e latin small letter e
1D557		MATHEMATICAL DOUBLE-STRUCK SMALL F ≈ 0066 f latin small letter f
1D558		MATHEMATICAL DOUBLE-STRUCK SMALL G ≈ 0067 g latin small letter g
1D559		MATHEMATICAL DOUBLE-STRUCK SMALL H ≈ 0068 h latin small letter h
1D55A		MATHEMATICAL DOUBLE-STRUCK SMALL I ≈ 0069 i latin small letter i
1D55B		MATHEMATICAL DOUBLE-STRUCK SMALL J ≈ 006A j latin small letter j
1D55C		MATHEMATICAL DOUBLE-STRUCK SMALL K ≈ 006B k latin small letter k
1D55D		MATHEMATICAL DOUBLE-STRUCK SMALL L ≈ 006C l latin small letter l
1D55E		MATHEMATICAL DOUBLE-STRUCK SMALL M ≈ 006D m latin small letter m
1D55F		MATHEMATICAL DOUBLE-STRUCK SMALL N ≈ 006E n latin small letter n
1D560		MATHEMATICAL DOUBLE-STRUCK SMALL O ≈ 006F o latin small letter o
1D561		MATHEMATICAL DOUBLE-STRUCK SMALL P ≈ 0070 p latin small letter p
1D562		MATHEMATICAL DOUBLE-STRUCK SMALL Q ≈ 0071 q latin small letter q
1D563		MATHEMATICAL DOUBLE-STRUCK SMALL R ≈ 0072 r latin small letter r
1D564		MATHEMATICAL DOUBLE-STRUCK SMALL S ≈ 0073 s latin small letter s
1D565		MATHEMATICAL DOUBLE-STRUCK SMALL T ≈ 0074 t latin small letter t
1D566		MATHEMATICAL DOUBLE-STRUCK SMALL U ≈ 0075 u latin small letter u
1D567		MATHEMATICAL DOUBLE-STRUCK SMALL V ≈ 0076 v latin small letter v
1D568		MATHEMATICAL DOUBLE-STRUCK SMALL W ≈ 0077 w latin small letter w
1D569		MATHEMATICAL DOUBLE-STRUCK SMALL X ≈ 0078 x latin small letter x
1D56A		MATHEMATICAL DOUBLE-STRUCK SMALL Y ≈ 0079 y latin small letter y
1D56B		MATHEMATICAL DOUBLE-STRUCK SMALL Z ≈ 007A z latin small letter z

Bold Fraktur symbols

1D56C		MATHEMATICAL BOLD FRAKTUR CAPITAL A ≈ 0041 A latin capital letter a
1D56D		MATHEMATICAL BOLD FRAKTUR CAPITAL B ≈ 0042 B latin capital letter b
1D56E		MATHEMATICAL BOLD FRAKTUR CAPITAL C ≈ 0043 C latin capital letter c

1D56F		MATHEMATICAL BOLD FRAKTUR CAPITAL D ≈ 0044 D latin capital letter d
1D570		MATHEMATICAL BOLD FRAKTUR CAPITAL E ≈ 0045 E latin capital letter e
1D571		MATHEMATICAL BOLD FRAKTUR CAPITAL F ≈ 0046 F latin capital letter f
1D572		MATHEMATICAL BOLD FRAKTUR CAPITAL G ≈ 0047 G latin capital letter g
1D573		MATHEMATICAL BOLD FRAKTUR CAPITAL H ≈ 0048 H latin capital letter h
1D574		MATHEMATICAL BOLD FRAKTUR CAPITAL I ≈ 0049 I latin capital letter i
1D575		MATHEMATICAL BOLD FRAKTUR CAPITAL J ≈ 004A J latin capital letter j
1D576		MATHEMATICAL BOLD FRAKTUR CAPITAL K ≈ 004B K latin capital letter k
1D577		MATHEMATICAL BOLD FRAKTUR CAPITAL L ≈ 004C L latin capital letter l
1D578		MATHEMATICAL BOLD FRAKTUR CAPITAL M ≈ 004D M latin capital letter m
1D579		MATHEMATICAL BOLD FRAKTUR CAPITAL N ≈ 004E N latin capital letter n
1D57A		MATHEMATICAL BOLD FRAKTUR CAPITAL O ≈ 004F O latin capital letter o
1D57B		MATHEMATICAL BOLD FRAKTUR CAPITAL P ≈ 0050 P latin capital letter p
1D57C		MATHEMATICAL BOLD FRAKTUR CAPITAL Q ≈ 0051 Q latin capital letter q
1D57D		MATHEMATICAL BOLD FRAKTUR CAPITAL R ≈ 0052 R latin capital letter r
1D57E		MATHEMATICAL BOLD FRAKTUR CAPITAL S ≈ 0053 S latin capital letter s
1D57F		MATHEMATICAL BOLD FRAKTUR CAPITAL T ≈ 0054 T latin capital letter t
1D580		MATHEMATICAL BOLD FRAKTUR CAPITAL U ≈ 0055 U latin capital letter u
1D581		MATHEMATICAL BOLD FRAKTUR CAPITAL V ≈ 0056 V latin capital letter v
1D582		MATHEMATICAL BOLD FRAKTUR CAPITAL W ≈ 0057 W latin capital letter w
1D583		MATHEMATICAL BOLD FRAKTUR CAPITAL X ≈ 0058 X latin capital letter x
1D584		MATHEMATICAL BOLD FRAKTUR CAPITAL Y ≈ 0059 Y latin capital letter y
1D585		MATHEMATICAL BOLD FRAKTUR CAPITAL Z ≈ 005A Z latin capital letter z
1D586		MATHEMATICAL BOLD FRAKTUR SMALL A ≈ 0061 a latin small letter a
1D587		MATHEMATICAL BOLD FRAKTUR SMALL B ≈ 0062 b latin small letter b
1D588		MATHEMATICAL BOLD FRAKTUR SMALL C ≈ 0063 c latin small letter c
1D589		MATHEMATICAL BOLD FRAKTUR SMALL D ≈ 0064 d latin small letter d
1D58A		MATHEMATICAL BOLD FRAKTUR SMALL E ≈ 0065 e latin small letter e
1D58B		MATHEMATICAL BOLD FRAKTUR SMALL F ≈ 0066 f latin small letter f
1D58C		MATHEMATICAL BOLD FRAKTUR SMALL G ≈ 0067 g latin small letter g
1D58D		MATHEMATICAL BOLD FRAKTUR SMALL H ≈ 0068 h latin small letter h

1D58E	i	MATHEMATICAL BOLD FRAKTUR SMALL I ≈ 0069 i latin small letter i
1D58F	j	MATHEMATICAL BOLD FRAKTUR SMALL J ≈ 006A j latin small letter j
1D590	k	MATHEMATICAL BOLD FRAKTUR SMALL K ≈ 006B k latin small letter k
1D591	l	MATHEMATICAL BOLD FRAKTUR SMALL L ≈ 006C l latin small letter l
1D592	m	MATHEMATICAL BOLD FRAKTUR SMALL M ≈ 006D m latin small letter m
1D593	n	MATHEMATICAL BOLD FRAKTUR SMALL N ≈ 006E n latin small letter n
1D594	o	MATHEMATICAL BOLD FRAKTUR SMALL O ≈ 006F o latin small letter o
1D595	p	MATHEMATICAL BOLD FRAKTUR SMALL P ≈ 0070 p latin small letter p
1D596	q	MATHEMATICAL BOLD FRAKTUR SMALL Q ≈ 0071 q latin small letter q
1D597	r	MATHEMATICAL BOLD FRAKTUR SMALL R ≈ 0072 r latin small letter r
1D598	s	MATHEMATICAL BOLD FRAKTUR SMALL S ≈ 0073 s latin small letter s
1D599	t	MATHEMATICAL BOLD FRAKTUR SMALL T ≈ 0074 t latin small letter t
1D59A	u	MATHEMATICAL BOLD FRAKTUR SMALL U ≈ 0075 u latin small letter u
1D59B	v	MATHEMATICAL BOLD FRAKTUR SMALL V ≈ 0076 v latin small letter v
1D59C	w	MATHEMATICAL BOLD FRAKTUR SMALL W ≈ 0077 w latin small letter w
1D59D	x	MATHEMATICAL BOLD FRAKTUR SMALL X ≈ 0078 x latin small letter x
1D59E	y	MATHEMATICAL BOLD FRAKTUR SMALL Y ≈ 0079 y latin small letter y
1D59F	z	MATHEMATICAL BOLD FRAKTUR SMALL Z ≈ 007A z latin small letter z

Sans-serif symbols

1D5A0	A	MATHEMATICAL SANS-SERIF CAPITAL A ≈ 0041 A latin capital letter a
1D5A1	B	MATHEMATICAL SANS-SERIF CAPITAL B ≈ 0042 B latin capital letter b
1D5A2	C	MATHEMATICAL SANS-SERIF CAPITAL C ≈ 0043 C latin capital letter c
1D5A3	D	MATHEMATICAL SANS-SERIF CAPITAL D ≈ 0044 D latin capital letter d
1D5A4	E	MATHEMATICAL SANS-SERIF CAPITAL E ≈ 0045 E latin capital letter e
1D5A5	F	MATHEMATICAL SANS-SERIF CAPITAL F ≈ 0046 F latin capital letter f
1D5A6	G	MATHEMATICAL SANS-SERIF CAPITAL G ≈ 0047 G latin capital letter g
1D5A7	H	MATHEMATICAL SANS-SERIF CAPITAL H ≈ 0048 H latin capital letter h
1D5A8	I	MATHEMATICAL SANS-SERIF CAPITAL I ≈ 0049 I latin capital letter i
1D5A9	J	MATHEMATICAL SANS-SERIF CAPITAL J ≈ 004A J latin capital letter j
1D5AA	K	MATHEMATICAL SANS-SERIF CAPITAL K ≈ 004B K latin capital letter k
1D5AB	L	MATHEMATICAL SANS-SERIF CAPITAL L ≈ 004C L latin capital letter l

1D5AC	M	MATHEMATICAL SANS-SERIF CAPITAL M ≈ 004D M latin capital letter m
1D5AD	N	MATHEMATICAL SANS-SERIF CAPITAL N ≈ 004E N latin capital letter n
1D5AE	O	MATHEMATICAL SANS-SERIF CAPITAL O ≈ 004F O latin capital letter o
1D5AF	P	MATHEMATICAL SANS-SERIF CAPITAL P ≈ 0050 P latin capital letter p
1D5B0	Q	MATHEMATICAL SANS-SERIF CAPITAL Q ≈ 0051 Q latin capital letter q
1D5B1	R	MATHEMATICAL SANS-SERIF CAPITAL R ≈ 0052 R latin capital letter r
1D5B2	S	MATHEMATICAL SANS-SERIF CAPITAL S ≈ 0053 S latin capital letter s
1D5B3	T	MATHEMATICAL SANS-SERIF CAPITAL T ≈ 0054 T latin capital letter t
1D5B4	U	MATHEMATICAL SANS-SERIF CAPITAL U ≈ 0055 U latin capital letter u
1D5B5	V	MATHEMATICAL SANS-SERIF CAPITAL V ≈ 0056 V latin capital letter v
1D5B6	W	MATHEMATICAL SANS-SERIF CAPITAL W ≈ 0057 W latin capital letter w
1D5B7	X	MATHEMATICAL SANS-SERIF CAPITAL X ≈ 0058 X latin capital letter x
1D5B8	Y	MATHEMATICAL SANS-SERIF CAPITAL Y ≈ 0059 Y latin capital letter y
1D5B9	Z	MATHEMATICAL SANS-SERIF CAPITAL Z ≈ 005A Z latin capital letter z
1D5BA	a	MATHEMATICAL SANS-SERIF SMALL A ≈ 0061 a latin small letter a
1D5BB	b	MATHEMATICAL SANS-SERIF SMALL B ≈ 0062 b latin small letter b
1D5BC	c	MATHEMATICAL SANS-SERIF SMALL C ≈ 0063 c latin small letter c
1D5BD	d	MATHEMATICAL SANS-SERIF SMALL D ≈ 0064 d latin small letter d
1D5BE	e	MATHEMATICAL SANS-SERIF SMALL E ≈ 0065 e latin small letter e
1D5BF	f	MATHEMATICAL SANS-SERIF SMALL F ≈ 0066 f latin small letter f
1D5C0	g	MATHEMATICAL SANS-SERIF SMALL G ≈ 0067 g latin small letter g
1D5C1	h	MATHEMATICAL SANS-SERIF SMALL H ≈ 0068 h latin small letter h
1D5C2	i	MATHEMATICAL SANS-SERIF SMALL I ≈ 0069 i latin small letter i
1D5C3	j	MATHEMATICAL SANS-SERIF SMALL J ≈ 006A j latin small letter j
1D5C4	k	MATHEMATICAL SANS-SERIF SMALL K ≈ 006B k latin small letter k
1D5C5	l	MATHEMATICAL SANS-SERIF SMALL L ≈ 006C l latin small letter l
1D5C6	m	MATHEMATICAL SANS-SERIF SMALL M ≈ 006D m latin small letter m
1D5C7	n	MATHEMATICAL SANS-SERIF SMALL N ≈ 006E n latin small letter n
1D5C8	o	MATHEMATICAL SANS-SERIF SMALL O ≈ 006F o latin small letter o
1D5C9	p	MATHEMATICAL SANS-SERIF SMALL P ≈ 0070 p latin small letter p
1D5CA	q	MATHEMATICAL SANS-SERIF SMALL Q ≈ 0071 q latin small letter q

1D5CB **r** MATHEMATICAL SANS-SERIF SMALL R
 ≈ 0072 **r** latin small letter r
 1D5CC **s** MATHEMATICAL SANS-SERIF SMALL S
 ≈ 0073 **s** latin small letter s
 1D5CD **t** MATHEMATICAL SANS-SERIF SMALL T
 ≈ 0074 **t** latin small letter t
 1D5CE **u** MATHEMATICAL SANS-SERIF SMALL U
 ≈ 0075 **u** latin small letter u
 1D5CF **v** MATHEMATICAL SANS-SERIF SMALL V
 ≈ 0076 **v** latin small letter v
 1D5D0 **w** MATHEMATICAL SANS-SERIF SMALL W
 ≈ 0077 **w** latin small letter w
 1D5D1 **x** MATHEMATICAL SANS-SERIF SMALL X
 ≈ 0078 **x** latin small letter x
 1D5D2 **y** MATHEMATICAL SANS-SERIF SMALL Y
 ≈ 0079 **y** latin small letter y
 1D5D3 **z** MATHEMATICAL SANS-SERIF SMALL Z
 ≈ 007A **z** latin small letter z

Sans-serif bold symbols

1D5D4 **A** MATHEMATICAL SANS-SERIF BOLD CAPITAL A
 ≈ 0041 **A** latin capital letter a
 1D5D5 **B** MATHEMATICAL SANS-SERIF BOLD CAPITAL B
 ≈ 0042 **B** latin capital letter b
 1D5D6 **C** MATHEMATICAL SANS-SERIF BOLD CAPITAL C
 ≈ 0043 **C** latin capital letter c
 1D5D7 **D** MATHEMATICAL SANS-SERIF BOLD CAPITAL D
 ≈ 0044 **D** latin capital letter d
 1D5D8 **E** MATHEMATICAL SANS-SERIF BOLD CAPITAL E
 ≈ 0045 **E** latin capital letter e
 1D5D9 **F** MATHEMATICAL SANS-SERIF BOLD CAPITAL F
 ≈ 0046 **F** latin capital letter f
 1D5DA **G** MATHEMATICAL SANS-SERIF BOLD CAPITAL G
 ≈ 0047 **G** latin capital letter g
 1D5DB **H** MATHEMATICAL SANS-SERIF BOLD CAPITAL H
 ≈ 0048 **H** latin capital letter h
 1D5DC **I** MATHEMATICAL SANS-SERIF BOLD CAPITAL I
 ≈ 0049 **I** latin capital letter i
 1D5DD **J** MATHEMATICAL SANS-SERIF BOLD CAPITAL J
 ≈ 004A **J** latin capital letter j
 1D5DE **K** MATHEMATICAL SANS-SERIF BOLD CAPITAL K
 ≈ 004B **K** latin capital letter k
 1D5DF **L** MATHEMATICAL SANS-SERIF BOLD CAPITAL L
 ≈ 004C **L** latin capital letter l
 1D5E0 **M** MATHEMATICAL SANS-SERIF BOLD CAPITAL M
 ≈ 004D **M** latin capital letter m
 1D5E1 **N** MATHEMATICAL SANS-SERIF BOLD CAPITAL N
 ≈ 004E **N** latin capital letter n
 1D5E2 **O** MATHEMATICAL SANS-SERIF BOLD CAPITAL O
 ≈ 004F **O** latin capital letter o
 1D5E3 **P** MATHEMATICAL SANS-SERIF BOLD CAPITAL P
 ≈ 0050 **P** latin capital letter p
 1D5E4 **Q** MATHEMATICAL SANS-SERIF BOLD CAPITAL Q
 ≈ 0051 **Q** latin capital letter q
 1D5E5 **R** MATHEMATICAL SANS-SERIF BOLD CAPITAL R
 ≈ 0052 **R** latin capital letter r
 1D5E6 **S** MATHEMATICAL SANS-SERIF BOLD CAPITAL S
 ≈ 0053 **S** latin capital letter s
 1D5E7 **T** MATHEMATICAL SANS-SERIF BOLD CAPITAL T
 ≈ 0054 **T** latin capital letter t
 1D5E8 **U** MATHEMATICAL SANS-SERIF BOLD CAPITAL U
 ≈ 0055 **U** latin capital letter u

1D5E9 **V** MATHEMATICAL SANS-SERIF BOLD CAPITAL V
 ≈ 0056 **V** latin capital letter v
 1D5EA **W** MATHEMATICAL SANS-SERIF BOLD CAPITAL W
 ≈ 0057 **W** latin capital letter w
 1D5EB **X** MATHEMATICAL SANS-SERIF BOLD CAPITAL X
 ≈ 0058 **X** latin capital letter x
 1D5EC **Y** MATHEMATICAL SANS-SERIF BOLD CAPITAL Y
 ≈ 0059 **Y** latin capital letter y
 1D5ED **Z** MATHEMATICAL SANS-SERIF BOLD CAPITAL Z
 ≈ 005A **Z** latin capital letter z
 1D5EE **a** MATHEMATICAL SANS-SERIF BOLD SMALL A
 ≈ 0061 **a** latin small letter a
 1D5EF **b** MATHEMATICAL SANS-SERIF BOLD SMALL B
 ≈ 0062 **b** latin small letter b
 1D5F0 **c** MATHEMATICAL SANS-SERIF BOLD SMALL C
 ≈ 0063 **c** latin small letter c
 1D5F1 **d** MATHEMATICAL SANS-SERIF BOLD SMALL D
 ≈ 0064 **d** latin small letter d
 1D5F2 **e** MATHEMATICAL SANS-SERIF BOLD SMALL E
 ≈ 0065 **e** latin small letter e
 1D5F3 **f** MATHEMATICAL SANS-SERIF BOLD SMALL F
 ≈ 0066 **f** latin small letter f
 1D5F4 **g** MATHEMATICAL SANS-SERIF BOLD SMALL G
 ≈ 0067 **g** latin small letter g
 1D5F5 **h** MATHEMATICAL SANS-SERIF BOLD SMALL H
 ≈ 0068 **h** latin small letter h
 1D5F6 **i** MATHEMATICAL SANS-SERIF BOLD SMALL I
 ≈ 0069 **i** latin small letter i
 1D5F7 **j** MATHEMATICAL SANS-SERIF BOLD SMALL J
 ≈ 006A **j** latin small letter j
 1D5F8 **k** MATHEMATICAL SANS-SERIF BOLD SMALL K
 ≈ 006B **k** latin small letter k
 1D5F9 **l** MATHEMATICAL SANS-SERIF BOLD SMALL L
 ≈ 006C **l** latin small letter l
 1D5FA **m** MATHEMATICAL SANS-SERIF BOLD SMALL M
 ≈ 006D **m** latin small letter m
 1D5FB **n** MATHEMATICAL SANS-SERIF BOLD SMALL N
 ≈ 006E **n** latin small letter n
 1D5FC **o** MATHEMATICAL SANS-SERIF BOLD SMALL O
 ≈ 006F **o** latin small letter o
 1D5FD **p** MATHEMATICAL SANS-SERIF BOLD SMALL P
 ≈ 0070 **p** latin small letter p
 1D5FE **q** MATHEMATICAL SANS-SERIF BOLD SMALL Q
 ≈ 0071 **q** latin small letter q
 1D5FF **r** MATHEMATICAL SANS-SERIF BOLD SMALL R
 ≈ 0072 **r** latin small letter r
 1D600 **s** MATHEMATICAL SANS-SERIF BOLD SMALL S
 ≈ 0073 **s** latin small letter s
 1D601 **t** MATHEMATICAL SANS-SERIF BOLD SMALL T
 ≈ 0074 **t** latin small letter t
 1D602 **u** MATHEMATICAL SANS-SERIF BOLD SMALL U
 ≈ 0075 **u** latin small letter u
 1D603 **v** MATHEMATICAL SANS-SERIF BOLD SMALL V
 ≈ 0076 **v** latin small letter v
 1D604 **w** MATHEMATICAL SANS-SERIF BOLD SMALL W
 ≈ 0077 **w** latin small letter w
 1D605 **x** MATHEMATICAL SANS-SERIF BOLD SMALL X
 ≈ 0078 **x** latin small letter x
 1D606 **y** MATHEMATICAL SANS-SERIF BOLD SMALL Y
 ≈ 0079 **y** latin small letter y
 1D607 **z** MATHEMATICAL SANS-SERIF BOLD SMALL Z
 ≈ 007A **z** latin small letter z

Sans-serif italic symbols

1D608 **A** MATHEMATICAL SANS-SERIF ITALIC CAPITAL A
 ≈ 0041 **A** latin capital letter a

1D609 **B** MATHEMATICAL SANS-SERIF ITALIC CAPITAL B
 ≈ 0042 **B** latin capital letter b

1D60A **C** MATHEMATICAL SANS-SERIF ITALIC CAPITAL C
 ≈ 0043 **C** latin capital letter c

1D60B **D** MATHEMATICAL SANS-SERIF ITALIC CAPITAL D
 ≈ 0044 **D** latin capital letter d

1D60C **E** MATHEMATICAL SANS-SERIF ITALIC CAPITAL E
 ≈ 0045 **E** latin capital letter e

1D60D **F** MATHEMATICAL SANS-SERIF ITALIC CAPITAL F
 ≈ 0046 **F** latin capital letter f

1D60E **G** MATHEMATICAL SANS-SERIF ITALIC CAPITAL G
 ≈ 0047 **G** latin capital letter g

1D60F **H** MATHEMATICAL SANS-SERIF ITALIC CAPITAL H
 ≈ 0048 **H** latin capital letter h

1D610 **I** MATHEMATICAL SANS-SERIF ITALIC CAPITAL I
 ≈ 0049 **I** latin capital letter i

1D611 **J** MATHEMATICAL SANS-SERIF ITALIC CAPITAL J
 ≈ 004A **J** latin capital letter j

1D612 **K** MATHEMATICAL SANS-SERIF ITALIC CAPITAL K
 ≈ 004B **K** latin capital letter k

1D613 **L** MATHEMATICAL SANS-SERIF ITALIC CAPITAL L
 ≈ 004C **L** latin capital letter l

1D614 **M** MATHEMATICAL SANS-SERIF ITALIC CAPITAL M
 ≈ 004D **M** latin capital letter m

1D615 **N** MATHEMATICAL SANS-SERIF ITALIC CAPITAL N
 ≈ 004E **N** latin capital letter n

1D616 **O** MATHEMATICAL SANS-SERIF ITALIC CAPITAL O
 ≈ 004F **O** latin capital letter o

1D617 **P** MATHEMATICAL SANS-SERIF ITALIC CAPITAL P
 ≈ 0050 **P** latin capital letter p

1D618 **Q** MATHEMATICAL SANS-SERIF ITALIC CAPITAL Q
 ≈ 0051 **Q** latin capital letter q

1D619 **R** MATHEMATICAL SANS-SERIF ITALIC CAPITAL R
 ≈ 0052 **R** latin capital letter r

1D61A **S** MATHEMATICAL SANS-SERIF ITALIC CAPITAL S
 ≈ 0053 **S** latin capital letter s

1D61B **T** MATHEMATICAL SANS-SERIF ITALIC CAPITAL T
 ≈ 0054 **T** latin capital letter t

1D61C **U** MATHEMATICAL SANS-SERIF ITALIC CAPITAL U
 ≈ 0055 **U** latin capital letter u

1D61D **V** MATHEMATICAL SANS-SERIF ITALIC CAPITAL V
 ≈ 0056 **V** latin capital letter v

1D61E **W** MATHEMATICAL SANS-SERIF ITALIC CAPITAL W
 ≈ 0057 **W** latin capital letter w

1D61F **X** MATHEMATICAL SANS-SERIF ITALIC CAPITAL X
 ≈ 0058 **X** latin capital letter x

1D620 **Y** MATHEMATICAL SANS-SERIF ITALIC CAPITAL Y
 ≈ 0059 **Y** latin capital letter y

1D621 **Z** MATHEMATICAL SANS-SERIF ITALIC CAPITAL Z
 ≈ 005A **Z** latin capital letter z

1D622 **a** MATHEMATICAL SANS-SERIF ITALIC SMALL A
 ≈ 0061 **a** latin small letter a

1D623 **b** MATHEMATICAL SANS-SERIF ITALIC SMALL B
 ≈ 0062 **b** latin small letter b

1D624 **c** MATHEMATICAL SANS-SERIF ITALIC SMALL C
 ≈ 0063 **c** latin small letter c

1D625 **d** MATHEMATICAL SANS-SERIF ITALIC SMALL D
 ≈ 0064 **d** latin small letter d

1D626 **e** MATHEMATICAL SANS-SERIF ITALIC SMALL E
 ≈ 0065 **e** latin small letter e

1D627 **f** MATHEMATICAL SANS-SERIF ITALIC SMALL F
 ≈ 0066 **f** latin small letter f

1D628 **g** MATHEMATICAL SANS-SERIF ITALIC SMALL G
 ≈ 0067 **g** latin small letter g

1D629 **h** MATHEMATICAL SANS-SERIF ITALIC SMALL H
 ≈ 0068 **h** latin small letter h

1D62A **i** MATHEMATICAL SANS-SERIF ITALIC SMALL I
 ≈ 0069 **i** latin small letter i

1D62B **j** MATHEMATICAL SANS-SERIF ITALIC SMALL J
 ≈ 006A **j** latin small letter j

1D62C **k** MATHEMATICAL SANS-SERIF ITALIC SMALL K
 ≈ 006B **k** latin small letter k

1D62D **l** MATHEMATICAL SANS-SERIF ITALIC SMALL L
 ≈ 006C **l** latin small letter l

1D62E **m** MATHEMATICAL SANS-SERIF ITALIC SMALL M
 ≈ 006D **m** latin small letter m

1D62F **n** MATHEMATICAL SANS-SERIF ITALIC SMALL N
 ≈ 006E **n** latin small letter n

1D630 **o** MATHEMATICAL SANS-SERIF ITALIC SMALL O
 ≈ 006F **o** latin small letter o

1D631 **p** MATHEMATICAL SANS-SERIF ITALIC SMALL P
 ≈ 0070 **p** latin small letter p

1D632 **q** MATHEMATICAL SANS-SERIF ITALIC SMALL Q
 ≈ 0071 **q** latin small letter q

1D633 **r** MATHEMATICAL SANS-SERIF ITALIC SMALL R
 ≈ 0072 **r** latin small letter r

1D634 **s** MATHEMATICAL SANS-SERIF ITALIC SMALL S
 ≈ 0073 **s** latin small letter s

1D635 **t** MATHEMATICAL SANS-SERIF ITALIC SMALL T
 ≈ 0074 **t** latin small letter t

1D636 **u** MATHEMATICAL SANS-SERIF ITALIC SMALL U
 ≈ 0075 **u** latin small letter u

1D637 **v** MATHEMATICAL SANS-SERIF ITALIC SMALL V
 ≈ 0076 **v** latin small letter v

1D638 **w** MATHEMATICAL SANS-SERIF ITALIC SMALL W
 ≈ 0077 **w** latin small letter w

1D639 **x** MATHEMATICAL SANS-SERIF ITALIC SMALL X
 ≈ 0078 **x** latin small letter x

1D63A **y** MATHEMATICAL SANS-SERIF ITALIC SMALL Y
 ≈ 0079 **y** latin small letter y

1D63B **z** MATHEMATICAL SANS-SERIF ITALIC SMALL Z
 ≈ 007A **z** latin small letter z

Sans-serif bold italic symbols

1D63C **A** MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL A
 ≈ 0041 **A** latin capital letter a

1D63D **B** MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL B
 ≈ 0042 **B** latin capital letter b

1D63E **C** MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL C
 ≈ 0043 **C** latin capital letter c

1D63F **D** MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL D
 ≈ 0044 **D** latin capital letter d

1D640 **E** MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL E
 ≈ 0045 **E** latin capital letter e

1D641 **F** MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL F
 ≈ 0046 **F** latin capital letter f

1D642 **G** MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL G
 ≈ 0047 **G** latin capital letter g

1D643 **H** MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL H
 ≈ 0048 **H** latin capital letter h

1D644 **I** MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL I
 ≈ 0049 **I** latin capital letter i

1D645 **J** MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL J
 ≈ 004A **J** latin capital letter j

1D646 **K** MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL K
 ≈ 004B **K** latin capital letter k

1D647 **L** MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL L
 ≈ 004C **L** latin capital letter l

1D648 **M** MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL M
 ≈ 004D **M** latin capital letter m

1D649 **N** MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL N
 ≈ 004E **N** latin capital letter n

1D64A **O** MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL O
 ≈ 004F **O** latin capital letter o

1D64B **P** MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL P
 ≈ 0050 **P** latin capital letter p

1D64C **Q** MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL Q
 ≈ 0051 **Q** latin capital letter q

1D64D **R** MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL R
 ≈ 0052 **R** latin capital letter r

1D64E **S** MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL S
 ≈ 0053 **S** latin capital letter s

1D64F **T** MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL T
 ≈ 0054 **T** latin capital letter t

1D650 **U** MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL U
 ≈ 0055 **U** latin capital letter u

1D651 **V** MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL V
 ≈ 0056 **V** latin capital letter v

1D652 **W** MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL W
 ≈ 0057 **W** latin capital letter w

1D653 **X** MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL X
 ≈ 0058 **X** latin capital letter x

1D654 **Y** MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL Y
 ≈ 0059 **Y** latin capital letter y

1D655 **Z** MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL Z
 ≈ 005A **Z** latin capital letter z

1D656 **a** MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL A
 ≈ 0061 **a** latin small letter a

1D657 **b** MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL B
 ≈ 0062 **b** latin small letter b

1D658 **c** MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL C
 ≈ 0063 **c** latin small letter c

1D659 **d** MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL D
 ≈ 0064 **d** latin small letter d

1D65A **e** MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL E
 ≈ 0065 **e** latin small letter e

1D65B **f** MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL F
 ≈ 0066 **f** latin small letter f

1D65C **g** MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL G
 ≈ 0067 **g** latin small letter g

1D65D **h** MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL H
 ≈ 0068 **h** latin small letter h

1D65E **i** MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL I
 ≈ 0069 **i** latin small letter i

1D65F **j** MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL J
 ≈ 006A **j** latin small letter j

1D660 **k** MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL K
 ≈ 006B **k** latin small letter k

1D661 **l** MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL L
 ≈ 006C **l** latin small letter l

1D662 **m** MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL M
 ≈ 006D **m** latin small letter m

1D663 **n** MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL N
 ≈ 006E **n** latin small letter n

1D664 **o** MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL O
 ≈ 006F **o** latin small letter o

1D665 **p** MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL P
 ≈ 0070 **p** latin small letter p

1D666 **q** MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL Q
 ≈ 0071 **q** latin small letter q

1D667 **r** MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL R
 ≈ 0072 **r** latin small letter r

1D668 **s** MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL S
 ≈ 0073 **s** latin small letter s

1D669 **t** MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL T
 ≈ 0074 **t** latin small letter t

1D66A **u** MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL U
 ≈ 0075 **u** latin small letter u

1D66B **v** MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL V
 ≈ 0076 **v** latin small letter v

1D66C	w	MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL W ≈ 0077 w latin small letter w
1D66D	x	MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL X ≈ 0078 x latin small letter x
1D66E	y	MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL Y ≈ 0079 y latin small letter y
1D66F	z	MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL Z ≈ 007A z latin small letter z

Monospace symbols

1D670	A	MATHEMATICAL MONOSPACE CAPITAL A ≈ 0041 A latin capital letter a
1D671	B	MATHEMATICAL MONOSPACE CAPITAL B ≈ 0042 B latin capital letter b
1D672	C	MATHEMATICAL MONOSPACE CAPITAL C ≈ 0043 C latin capital letter c
1D673	D	MATHEMATICAL MONOSPACE CAPITAL D ≈ 0044 D latin capital letter d
1D674	E	MATHEMATICAL MONOSPACE CAPITAL E ≈ 0045 E latin capital letter e
1D675	F	MATHEMATICAL MONOSPACE CAPITAL F ≈ 0046 F latin capital letter f
1D676	G	MATHEMATICAL MONOSPACE CAPITAL G ≈ 0047 G latin capital letter g
1D677	H	MATHEMATICAL MONOSPACE CAPITAL H ≈ 0048 H latin capital letter h
1D678	I	MATHEMATICAL MONOSPACE CAPITAL I ≈ 0049 I latin capital letter i
1D679	J	MATHEMATICAL MONOSPACE CAPITAL J ≈ 004A J latin capital letter j
1D67A	K	MATHEMATICAL MONOSPACE CAPITAL K ≈ 004B K latin capital letter k
1D67B	L	MATHEMATICAL MONOSPACE CAPITAL L ≈ 004C L latin capital letter l
1D67C	M	MATHEMATICAL MONOSPACE CAPITAL M ≈ 004D M latin capital letter m
1D67D	N	MATHEMATICAL MONOSPACE CAPITAL N ≈ 004E N latin capital letter n
1D67E	O	MATHEMATICAL MONOSPACE CAPITAL O ≈ 004F O latin capital letter o
1D67F	P	MATHEMATICAL MONOSPACE CAPITAL P ≈ 0050 P latin capital letter p
1D680	Q	MATHEMATICAL MONOSPACE CAPITAL Q ≈ 0051 Q latin capital letter q
1D681	R	MATHEMATICAL MONOSPACE CAPITAL R ≈ 0052 R latin capital letter r
1D682	S	MATHEMATICAL MONOSPACE CAPITAL S ≈ 0053 S latin capital letter s
1D683	T	MATHEMATICAL MONOSPACE CAPITAL T ≈ 0054 T latin capital letter t
1D684	U	MATHEMATICAL MONOSPACE CAPITAL U ≈ 0055 U latin capital letter u
1D685	V	MATHEMATICAL MONOSPACE CAPITAL V ≈ 0056 V latin capital letter v
1D686	W	MATHEMATICAL MONOSPACE CAPITAL W ≈ 0057 W latin capital letter w
1D687	X	MATHEMATICAL MONOSPACE CAPITAL X ≈ 0058 X latin capital letter x

1D688	Y	MATHEMATICAL MONOSPACE CAPITAL Y ≈ 0059 Y latin capital letter y
1D689	Z	MATHEMATICAL MONOSPACE CAPITAL Z ≈ 005A Z latin capital letter z
1D68A	a	MATHEMATICAL MONOSPACE SMALL A ≈ 0061 a latin small letter a
1D68B	b	MATHEMATICAL MONOSPACE SMALL B ≈ 0062 b latin small letter b
1D68C	c	MATHEMATICAL MONOSPACE SMALL C ≈ 0063 c latin small letter c
1D68D	d	MATHEMATICAL MONOSPACE SMALL D ≈ 0064 d latin small letter d
1D68E	e	MATHEMATICAL MONOSPACE SMALL E ≈ 0065 e latin small letter e
1D68F	f	MATHEMATICAL MONOSPACE SMALL F ≈ 0066 f latin small letter f
1D690	g	MATHEMATICAL MONOSPACE SMALL G ≈ 0067 g latin small letter g
1D691	h	MATHEMATICAL MONOSPACE SMALL H ≈ 0068 h latin small letter h
1D692	i	MATHEMATICAL MONOSPACE SMALL I ≈ 0069 i latin small letter i
1D693	j	MATHEMATICAL MONOSPACE SMALL J ≈ 006A j latin small letter j
1D694	k	MATHEMATICAL MONOSPACE SMALL K ≈ 006B k latin small letter k
1D695	l	MATHEMATICAL MONOSPACE SMALL L ≈ 006C l latin small letter l
1D696	m	MATHEMATICAL MONOSPACE SMALL M ≈ 006D m latin small letter m
1D697	n	MATHEMATICAL MONOSPACE SMALL N ≈ 006E n latin small letter n
1D698	o	MATHEMATICAL MONOSPACE SMALL O ≈ 006F o latin small letter o
1D699	p	MATHEMATICAL MONOSPACE SMALL P ≈ 0070 p latin small letter p
1D69A	q	MATHEMATICAL MONOSPACE SMALL Q ≈ 0071 q latin small letter q
1D69B	r	MATHEMATICAL MONOSPACE SMALL R ≈ 0072 r latin small letter r
1D69C	s	MATHEMATICAL MONOSPACE SMALL S ≈ 0073 s latin small letter s
1D69D	t	MATHEMATICAL MONOSPACE SMALL T ≈ 0074 t latin small letter t
1D69E	u	MATHEMATICAL MONOSPACE SMALL U ≈ 0075 u latin small letter u
1D69F	v	MATHEMATICAL MONOSPACE SMALL V ≈ 0076 v latin small letter v
1D6A0	w	MATHEMATICAL MONOSPACE SMALL W ≈ 0077 w latin small letter w
1D6A1	x	MATHEMATICAL MONOSPACE SMALL X ≈ 0078 x latin small letter x
1D6A2	y	MATHEMATICAL MONOSPACE SMALL Y ≈ 0079 y latin small letter y
1D6A3	z	MATHEMATICAL MONOSPACE SMALL Z ≈ 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>i</i>	MATHEMATICAL ITALIC SMALL DOTLESS I ≈ <code>\imath</code> → 0131 <i>i</i> latin small letter dotless i → 1D456 <i>i</i> mathematical italic small i ≈ <code> 0131 i</code> latin small letter dotless i
1D6A5	<i>j</i>	MATHEMATICAL ITALIC SMALL DOTLESS J ≈ <code>\jmath</code> → 0237 <i>j</i> latin small letter dotless j → 1D457 <i>j</i> mathematical italic small j ≈ <code> 0237 j</code> latin small letter dotless j

Bold Greek symbols

1D6A8	Α	MATHEMATICAL BOLD CAPITAL ALPHA ≈ <code> 0391 Α</code> greek capital letter alpha
1D6A9	Β	MATHEMATICAL BOLD CAPITAL BETA ≈ <code> 0392 Β</code> greek capital letter beta
1D6AA	Γ	MATHEMATICAL BOLD CAPITAL GAMMA ≈ <code> 0393 Γ</code> greek capital letter gamma
1D6AB	Δ	MATHEMATICAL BOLD CAPITAL DELTA ≈ <code> 0394 Δ</code> greek capital letter delta
1D6AC	Ε	MATHEMATICAL BOLD CAPITAL EPSILON ≈ <code> 0395 Ε</code> greek capital letter epsilon
1D6AD	Ζ	MATHEMATICAL BOLD CAPITAL ZETA ≈ <code> 0396 Ζ</code> greek capital letter zeta
1D6AE	Η	MATHEMATICAL BOLD CAPITAL ETA ≈ <code> 0397 Η</code> greek capital letter eta
1D6AF	Θ	MATHEMATICAL BOLD CAPITAL THETA ≈ <code> 0398 Θ</code> greek capital letter theta
1D6B0	Ι	MATHEMATICAL BOLD CAPITAL IOTA ≈ <code> 0399 Ι</code> greek capital letter iota
1D6B1	Κ	MATHEMATICAL BOLD CAPITAL KAPPA ≈ <code> 039A Κ</code> greek capital letter kappa
1D6B2	Λ	MATHEMATICAL BOLD CAPITAL LAMDA ≈ <code> 039B Λ</code> greek capital letter lamda
1D6B3	Μ	MATHEMATICAL BOLD CAPITAL MU ≈ <code> 039C Μ</code> greek capital letter mu
1D6B4	Ν	MATHEMATICAL BOLD CAPITAL NU ≈ <code> 039D Ν</code> greek capital letter nu
1D6B5	Ξ	MATHEMATICAL BOLD CAPITAL XI ≈ <code> 039E Ξ</code> greek capital letter xi
1D6B6	Ο	MATHEMATICAL BOLD CAPITAL OMICRON ≈ <code> 039F Ο</code> greek capital letter omicron
1D6B7	Π	MATHEMATICAL BOLD CAPITAL PI ≈ <code> 03A0 Π</code> greek capital letter pi
1D6B8	Ρ	MATHEMATICAL BOLD CAPITAL RHO ≈ <code> 03A1 Ρ</code> greek capital letter rho
1D6B9	Θ	MATHEMATICAL BOLD CAPITAL THETA SYMBOL ≈ <code> 03F4 Θ</code> greek capital theta symbol
1D6BA	Σ	MATHEMATICAL BOLD CAPITAL SIGMA ≈ <code> 03A3 Σ</code> greek capital letter sigma
1D6BB	Τ	MATHEMATICAL BOLD CAPITAL TAU ≈ <code> 03A4 Τ</code> greek capital letter tau
1D6BC	Υ	MATHEMATICAL BOLD CAPITAL UPSILON ≈ <code> 03A5 Υ</code> greek capital letter upsilon
1D6BD	Φ	MATHEMATICAL BOLD CAPITAL PHI ≈ <code> 03A6 Φ</code> greek capital letter phi
1D6BE	Χ	MATHEMATICAL BOLD CAPITAL CHI ≈ <code> 03A7 Χ</code> greek capital letter chi

1D6BF	Ψ	MATHEMATICAL BOLD CAPITAL PSI ≈ <code> 03A8 Ψ</code> greek capital letter psi
1D6C0	Ω	MATHEMATICAL BOLD CAPITAL OMEGA ≈ <code> 03A9 Ω</code> greek capital letter omega
1D6C1	∇	MATHEMATICAL BOLD NABLA ≈ <code> 2207 ∇</code> nabla
1D6C2	α	MATHEMATICAL BOLD SMALL ALPHA ≈ <code> 03B1 α</code> greek small letter alpha
1D6C3	β	MATHEMATICAL BOLD SMALL BETA ≈ <code> 03B2 β</code> greek small letter beta
1D6C4	γ	MATHEMATICAL BOLD SMALL GAMMA ≈ <code> 03B3 γ</code> greek small letter gamma
1D6C5	δ	MATHEMATICAL BOLD SMALL DELTA ≈ <code> 03B4 δ</code> greek small letter delta
1D6C6	ε	MATHEMATICAL BOLD SMALL EPSILON ≈ <code> 03B5 ε</code> greek small letter epsilon
1D6C7	ζ	MATHEMATICAL BOLD SMALL ZETA ≈ <code> 03B6 ζ</code> greek small letter zeta
1D6C8	η	MATHEMATICAL BOLD SMALL ETA ≈ <code> 03B7 η</code> greek small letter eta
1D6C9	θ	MATHEMATICAL BOLD SMALL THETA ≈ <code> 03B8 θ</code> greek small letter theta
1D6CA	ι	MATHEMATICAL BOLD SMALL IOTA ≈ <code> 03B9 ι</code> greek small letter iota
1D6CB	κ	MATHEMATICAL BOLD SMALL KAPPA ≈ <code> 03BA κ</code> greek small letter kappa
1D6CC	λ	MATHEMATICAL BOLD SMALL LAMDA ≈ <code> 03BB λ</code> greek small letter lamda
1D6CD	μ	MATHEMATICAL BOLD SMALL MU ≈ <code> 03BC μ</code> greek small letter mu
1D6CE	ν	MATHEMATICAL BOLD SMALL NU ≈ <code> 03BD ν</code> greek small letter nu
1D6CF	ξ	MATHEMATICAL BOLD SMALL XI ≈ <code> 03BE ξ</code> greek small letter xi
1D6D0	ο	MATHEMATICAL BOLD SMALL OMICRON ≈ <code> 03BF ο</code> greek small letter omicron
1D6D1	π	MATHEMATICAL BOLD SMALL PI ≈ <code> 03C0 π</code> greek small letter pi
1D6D2	ρ	MATHEMATICAL BOLD SMALL RHO ≈ <code> 03C1 ρ</code> greek small letter rho
1D6D3	ς	MATHEMATICAL BOLD SMALL FINAL SIGMA ≈ <code> 03C2 ς</code> greek small letter final sigma
1D6D4	σ	MATHEMATICAL BOLD SMALL SIGMA ≈ <code> 03C3 σ</code> greek small letter sigma
1D6D5	τ	MATHEMATICAL BOLD SMALL TAU ≈ <code> 03C4 τ</code> greek small letter tau
1D6D6	υ	MATHEMATICAL BOLD SMALL UPSILON ≈ <code> 03C5 υ</code> greek small letter upsilon
1D6D7	φ	MATHEMATICAL BOLD SMALL PHI ≈ <code> 03C6 φ</code> greek small letter phi
1D6D8	χ	MATHEMATICAL BOLD SMALL CHI ≈ <code> 03C7 χ</code> greek small letter chi
1D6D9	ψ	MATHEMATICAL BOLD SMALL PSI ≈ <code> 03C8 ψ</code> greek small letter psi
1D6DA	ω	MATHEMATICAL BOLD SMALL OMEGA ≈ <code> 03C9 ω</code> greek small letter omega

Additional bold Greek symbols

1D6DB	∂	MATHEMATICAL BOLD PARTIAL DIFFERENTIAL ≈ <code> 2202 ∂</code> partial differential
1D6DC	ε	MATHEMATICAL BOLD EPSILON SYMBOL ≈ <code> 03F5 ε</code> greek lunate epsilon symbol

1D6DD **Θ** MATHEMATICAL BOLD THETA SYMBOL

≈ 03D1 **Θ** greek theta symbol

1D6DE **Χ** MATHEMATICAL BOLD KAPPA SYMBOL

≈ 03F0 **Χ** greek kappa symbol

1D6DF **Φ** MATHEMATICAL BOLD PHI SYMBOL

≈ 03D5 **Φ** greek phi symbol

1D6E0 **Ρ** MATHEMATICAL BOLD RHO SYMBOL

≈ 03F1 **Ρ** greek rho symbol

1D6E1 **Π** MATHEMATICAL BOLD PI SYMBOL

≈ 03D6 **Π** greek pi symbol

Italic Greek symbols

1D6E2 **Α** MATHEMATICAL ITALIC CAPITAL ALPHA

≈ 0391 **Α** greek capital letter alpha

1D6E3 **Β** MATHEMATICAL ITALIC CAPITAL BETA

≈ 0392 **Β** greek capital letter beta

1D6E4 **Γ** MATHEMATICAL ITALIC CAPITAL GAMMA

≈ 0393 **Γ** greek capital letter gamma

1D6E5 **Δ** MATHEMATICAL ITALIC CAPITAL DELTA

≈ 0394 **Δ** greek capital letter delta

1D6E6 **Ε** MATHEMATICAL ITALIC CAPITAL EPSILON

≈ 0395 **Ε** greek capital letter epsilon

1D6E7 **Ζ** MATHEMATICAL ITALIC CAPITAL ZETA

≈ 0396 **Ζ** greek capital letter zeta

1D6E8 **Η** MATHEMATICAL ITALIC CAPITAL ETA

≈ 0397 **Η** greek capital letter eta

1D6E9 **Θ** MATHEMATICAL ITALIC CAPITAL THETA

≈ 0398 **Θ** greek capital letter theta

1D6EA **Ι** MATHEMATICAL ITALIC CAPITAL IOTA

≈ 0399 **Ι** greek capital letter iota

1D6EB **Κ** MATHEMATICAL ITALIC CAPITAL KAPPA

≈ 039A **Κ** greek capital letter kappa

1D6EC **Λ** MATHEMATICAL ITALIC CAPITAL LAMDA

≈ 039B **Λ** greek capital letter lamda

1D6ED **Μ** MATHEMATICAL ITALIC CAPITAL MU

≈ 039C **Μ** greek capital letter mu

1D6EE **Ν** MATHEMATICAL ITALIC CAPITAL NU

≈ 039D **Ν** greek capital letter nu

1D6EF **Ξ** MATHEMATICAL ITALIC CAPITAL XI

≈ 039E **Ξ** greek capital letter xi

1D6F0 **Ο** MATHEMATICAL ITALIC CAPITAL OMICRON

≈ 039F **Ο** greek capital letter omicron

1D6F1 **Π** MATHEMATICAL ITALIC CAPITAL PI

≈ 03A0 **Π** greek capital letter pi

1D6F2 **Ρ** MATHEMATICAL ITALIC CAPITAL RHO

≈ 03A1 **Ρ** greek capital letter rho

1D6F3 **Θ** MATHEMATICAL ITALIC CAPITAL THETA SYMBOL

≈ 03F4 **Θ** greek capital theta symbol

1D6F4 **Σ** MATHEMATICAL ITALIC CAPITAL SIGMA

≈ 03A3 **Σ** greek capital letter sigma

1D6F5 **Τ** MATHEMATICAL ITALIC CAPITAL TAU

≈ 03A4 **Τ** greek capital letter tau

1D6F6 **Υ** MATHEMATICAL ITALIC CAPITAL UPSILON

≈ 03A5 **Υ** greek capital letter upsilon

1D6F7 **Φ** MATHEMATICAL ITALIC CAPITAL PHI

≈ 03A6 **Φ** greek capital letter phi

1D6F8 **Χ** MATHEMATICAL ITALIC CAPITAL CHI

≈ 03A7 **Χ** greek capital letter chi

1D6F9 **Ψ** MATHEMATICAL ITALIC CAPITAL PSI

≈ 03A8 **Ψ** greek capital letter psi

1D6FA **Ω** MATHEMATICAL ITALIC CAPITAL OMEGA

≈ 03A9 **Ω** greek capital letter omega

1D6FB **∇** MATHEMATICAL ITALIC NABLA

≈ 2207 **∇** nabla

1D6FC **α** MATHEMATICAL ITALIC SMALL ALPHA

≈ 03B1 **α** greek small letter alpha

1D6FD **β** MATHEMATICAL ITALIC SMALL BETA

≈ 03B2 **β** greek small letter beta

1D6FE **γ** MATHEMATICAL ITALIC SMALL GAMMA

≈ 03B3 **γ** greek small letter gamma

1D6FF **δ** MATHEMATICAL ITALIC SMALL DELTA

≈ 03B4 **δ** greek small letter delta

1D700 **ε** MATHEMATICAL ITALIC SMALL EPSILON

≈ 03B5 **ε** greek small letter epsilon

1D701 **ζ** MATHEMATICAL ITALIC SMALL ZETA

≈ 03B6 **ζ** greek small letter zeta

1D702 **η** MATHEMATICAL ITALIC SMALL ETA

≈ 03B7 **η** greek small letter eta

1D703 **θ** MATHEMATICAL ITALIC SMALL THETA

≈ 03B8 **θ** greek small letter theta

1D704 **ι** MATHEMATICAL ITALIC SMALL IOTA

≈ 03B9 **ι** greek small letter iota

1D705 **κ** MATHEMATICAL ITALIC SMALL KAPPA

≈ 03BA **κ** greek small letter kappa

1D706 **λ** MATHEMATICAL ITALIC SMALL LAMDA

≈ 03BB **λ** greek small letter lamda

1D707 **μ** MATHEMATICAL ITALIC SMALL MU

≈ 03BC **μ** greek small letter mu

1D708 **ν** MATHEMATICAL ITALIC SMALL NU

≈ 03BD **ν** greek small letter nu

1D709 **ξ** MATHEMATICAL ITALIC SMALL XI

≈ 03BE **ξ** greek small letter xi

1D70A **ο** MATHEMATICAL ITALIC SMALL OMICRON

≈ 03BF **ο** greek small letter omicron

1D70B **π** MATHEMATICAL ITALIC SMALL PI

≈ 03C0 **π** greek small letter pi

1D70C **ρ** MATHEMATICAL ITALIC SMALL RHO

≈ 03C1 **ρ** greek small letter rho

1D70D **ς** MATHEMATICAL ITALIC SMALL FINAL SIGMA

≈ 03C2 **ς** greek small letter final sigma

1D70E **σ** MATHEMATICAL ITALIC SMALL SIGMA

≈ 03C3 **σ** greek small letter sigma

1D70F **τ** MATHEMATICAL ITALIC SMALL TAU

≈ 03C4 **τ** greek small letter tau

1D710 **υ** MATHEMATICAL ITALIC SMALL UPSILON

≈ 03C5 **υ** greek small letter upsilon

1D711 **φ** MATHEMATICAL ITALIC SMALL PHI

≈ 03C6 **φ** greek small letter phi

1D712 **χ** MATHEMATICAL ITALIC SMALL CHI

≈ 03C7 **χ** greek small letter chi

1D713 **ψ** MATHEMATICAL ITALIC SMALL PSI

≈ 03C8 **ψ** greek small letter psi

1D714 **ω** MATHEMATICAL ITALIC SMALL OMEGA

≈ 03C9 **ω** greek small letter omega

Additional italic Greek symbols

1D715 **∂** MATHEMATICAL ITALIC PARTIAL DIFFERENTIAL

≈ 2202 **∂** partial differential

1D716 **ε** MATHEMATICAL ITALIC EPSILON SYMBOL

≈ 03F5 **ε** greek lunate epsilon symbol

1D717 **ϑ** MATHEMATICAL ITALIC THETA SYMBOL

≈ 03D1 **ϑ** greek theta symbol

1D718 **κ** MATHEMATICAL ITALIC KAPPA SYMBOL

≈ 03F0 **κ** greek kappa symbol

1D719	ϕ	MATHEMATICAL ITALIC PHI SYMBOL ≈ 03D5 ϕ greek phi symbol
1D71A	ρ	MATHEMATICAL ITALIC RHO SYMBOL ≈ 03F1 ρ greek rho symbol
1D71B	π	MATHEMATICAL ITALIC PI SYMBOL ≈ 03D6 π greek pi symbol
Bold italic Greek symbols		
1D71C	A	MATHEMATICAL BOLD ITALIC CAPITAL ALPHA ≈ 0391 A greek capital letter alpha
1D71D	B	MATHEMATICAL BOLD ITALIC CAPITAL BETA ≈ 0392 B greek capital letter beta
1D71E	Γ	MATHEMATICAL BOLD ITALIC CAPITAL GAMMA ≈ 0393 Γ greek capital letter gamma
1D71F	Δ	MATHEMATICAL BOLD ITALIC CAPITAL DELTA ≈ 0394 Δ greek capital letter delta
1D720	E	MATHEMATICAL BOLD ITALIC CAPITAL EPSILON ≈ 0395 E greek capital letter epsilon
1D721	Z	MATHEMATICAL BOLD ITALIC CAPITAL ZETA ≈ 0396 Z greek capital letter zeta
1D722	H	MATHEMATICAL BOLD ITALIC CAPITAL ETA ≈ 0397 H greek capital letter eta
1D723	Θ	MATHEMATICAL BOLD ITALIC CAPITAL THETA ≈ 0398 Θ greek capital letter theta
1D724	I	MATHEMATICAL BOLD ITALIC CAPITAL IOTA ≈ 0399 I greek capital letter iota
1D725	K	MATHEMATICAL BOLD ITALIC CAPITAL KAPPA ≈ 039A K greek capital letter kappa
1D726	Λ	MATHEMATICAL BOLD ITALIC CAPITAL LAMDA ≈ 039B Λ greek capital letter lamda
1D727	M	MATHEMATICAL BOLD ITALIC CAPITAL MU ≈ 039C M greek capital letter mu
1D728	N	MATHEMATICAL BOLD ITALIC CAPITAL NU ≈ 039D N greek capital letter nu
1D729	Ξ	MATHEMATICAL BOLD ITALIC CAPITAL XI ≈ 039E Ξ greek capital letter xi
1D72A	O	MATHEMATICAL BOLD ITALIC CAPITAL OMICRON ≈ 039F O greek capital letter omicron
1D72B	Π	MATHEMATICAL BOLD ITALIC CAPITAL PI ≈ 03A0 Π greek capital letter pi
1D72C	P	MATHEMATICAL BOLD ITALIC CAPITAL RHO ≈ 03A1 P greek capital letter rho
1D72D	Θ	MATHEMATICAL BOLD ITALIC CAPITAL THETA SYMBOL ≈ 03F4 Θ greek capital theta symbol
1D72E	Σ	MATHEMATICAL BOLD ITALIC CAPITAL SIGMA ≈ 03A3 Σ greek capital letter sigma
1D72F	T	MATHEMATICAL BOLD ITALIC CAPITAL TAU ≈ 03A4 T greek capital letter tau
1D730	Υ	MATHEMATICAL BOLD ITALIC CAPITAL UPSILON ≈ 03A5 Υ greek capital letter upsilon
1D731	Φ	MATHEMATICAL BOLD ITALIC CAPITAL PHI ≈ 03A6 Φ greek capital letter phi
1D732	X	MATHEMATICAL BOLD ITALIC CAPITAL CHI ≈ 03A7 X greek capital letter chi
1D733	Ψ	MATHEMATICAL BOLD ITALIC CAPITAL PSI ≈ 03A8 Ψ greek capital letter psi
1D734	Ω	MATHEMATICAL BOLD ITALIC CAPITAL OMEGA ≈ 03A9 Ω greek capital letter omega

1D735	∇	MATHEMATICAL BOLD ITALIC NABLA ≈ 2207 ∇ nabla
1D736	α	MATHEMATICAL BOLD ITALIC SMALL ALPHA ≈ 03B1 α greek small letter alpha
1D737	β	MATHEMATICAL BOLD ITALIC SMALL BETA ≈ 03B2 β greek small letter beta
1D738	γ	MATHEMATICAL BOLD ITALIC SMALL GAMMA ≈ 03B3 γ greek small letter gamma
1D739	δ	MATHEMATICAL BOLD ITALIC SMALL DELTA ≈ 03B4 δ greek small letter delta
1D73A	ε	MATHEMATICAL BOLD ITALIC SMALL EPSILON ≈ 03B5 ε greek small letter epsilon
1D73B	ζ	MATHEMATICAL BOLD ITALIC SMALL ZETA ≈ 03B6 ζ greek small letter zeta
1D73C	η	MATHEMATICAL BOLD ITALIC SMALL ETA ≈ 03B7 η greek small letter eta
1D73D	θ	MATHEMATICAL BOLD ITALIC SMALL THETA ≈ 03B8 θ greek small letter theta
1D73E	ι	MATHEMATICAL BOLD ITALIC SMALL IOTA ≈ 03B9 ι greek small letter iota
1D73F	κ	MATHEMATICAL BOLD ITALIC SMALL KAPPA ≈ 03BA κ greek small letter kappa
1D740	λ	MATHEMATICAL BOLD ITALIC SMALL LAMDA ≈ 03BB λ greek small letter lamda
1D741	μ	MATHEMATICAL BOLD ITALIC SMALL MU ≈ 03BC μ greek small letter mu
1D742	ν	MATHEMATICAL BOLD ITALIC SMALL NU ≈ 03BD ν greek small letter nu
1D743	ξ	MATHEMATICAL BOLD ITALIC SMALL XI ≈ 03BE ξ greek small letter xi
1D744	ο	MATHEMATICAL BOLD ITALIC SMALL OMICRON ≈ 03BF ο greek small letter omicron
1D745	π	MATHEMATICAL BOLD ITALIC SMALL PI ≈ 03C0 π greek small letter pi
1D746	ρ	MATHEMATICAL BOLD ITALIC SMALL RHO ≈ 03C1 ρ greek small letter rho
1D747	ς	MATHEMATICAL BOLD ITALIC SMALL FINAL SIGMA ≈ 03C2 ς greek small letter final sigma
1D748	σ	MATHEMATICAL BOLD ITALIC SMALL SIGMA ≈ 03C3 σ greek small letter sigma
1D749	τ	MATHEMATICAL BOLD ITALIC SMALL TAU ≈ 03C4 τ greek small letter tau
1D74A	υ	MATHEMATICAL BOLD ITALIC SMALL UPSILON ≈ 03C5 υ greek small letter upsilon
1D74B	φ	MATHEMATICAL BOLD ITALIC SMALL PHI ≈ 03C6 φ greek small letter phi
1D74C	χ	MATHEMATICAL BOLD ITALIC SMALL CHI ≈ 03C7 χ greek small letter chi
1D74D	ψ	MATHEMATICAL BOLD ITALIC SMALL PSI ≈ 03C8 ψ greek small letter psi
1D74E	ω	MATHEMATICAL BOLD ITALIC SMALL OMEGA ≈ 03C9 ω greek small letter omega

Additional bold italic Greek symbols

1D74F	∂	MATHEMATICAL BOLD ITALIC PARTIAL DIFFERENTIAL ≈ 2202 ∂ partial differential
1D750	ε	MATHEMATICAL BOLD ITALIC EPSILON SYMBOL ≈ 03F5 ε greek lunate epsilon symbol

1D751 **ϑ** MATHEMATICAL BOLD ITALIC THETA SYMBOL
 ≈ 03D1 ϑ greek theta symbol
 1D752 **κ** MATHEMATICAL BOLD ITALIC KAPPA SYMBOL
 ≈ 03F0 κ greek kappa symbol
 1D753 **ϕ** MATHEMATICAL BOLD ITALIC PHI SYMBOL
 ≈ 03D5 ϕ greek phi symbol
 1D754 **ρ** MATHEMATICAL BOLD ITALIC RHO SYMBOL
 ≈ 03F1 ρ greek rho symbol
 1D755 **π** MATHEMATICAL BOLD ITALIC PI SYMBOL
 ≈ 03D6 π greek pi symbol

Sans-serif bold Greek symbols

1D756 **A** MATHEMATICAL SANS-SERIF BOLD CAPITAL ALPHA
 ≈ 0391 A greek capital letter alpha
 1D757 **B** MATHEMATICAL SANS-SERIF BOLD CAPITAL BETA
 ≈ 0392 B greek capital letter beta
 1D758 **Γ** MATHEMATICAL SANS-SERIF BOLD CAPITAL GAMMA
 ≈ 0393 Γ greek capital letter gamma
 1D759 **Δ** MATHEMATICAL SANS-SERIF BOLD CAPITAL DELTA
 ≈ 0394 Δ greek capital letter delta
 1D75A **E** MATHEMATICAL SANS-SERIF BOLD CAPITAL EPSILON
 ≈ 0395 E greek capital letter epsilon
 1D75B **Z** MATHEMATICAL SANS-SERIF BOLD CAPITAL ZETA
 ≈ 0396 Z greek capital letter zeta
 1D75C **H** MATHEMATICAL SANS-SERIF BOLD CAPITAL ETA
 ≈ 0397 H greek capital letter eta
 1D75D **Θ** MATHEMATICAL SANS-SERIF BOLD CAPITAL THETA
 ≈ 0398 Θ greek capital letter theta
 1D75E **I** MATHEMATICAL SANS-SERIF BOLD CAPITAL IOTA
 ≈ 0399 I greek capital letter iota
 1D75F **K** MATHEMATICAL SANS-SERIF BOLD CAPITAL KAPPA
 ≈ 039A K greek capital letter kappa
 1D760 **Λ** MATHEMATICAL SANS-SERIF BOLD CAPITAL LAMDA
 ≈ 039B Λ greek capital letter lamda
 1D761 **M** MATHEMATICAL SANS-SERIF BOLD CAPITAL MU
 ≈ 039C M greek capital letter mu
 1D762 **N** MATHEMATICAL SANS-SERIF BOLD CAPITAL NU
 ≈ 039D N greek capital letter nu
 1D763 **Ξ** MATHEMATICAL SANS-SERIF BOLD CAPITAL XI
 ≈ 039E Ξ greek capital letter xi
 1D764 **O** MATHEMATICAL SANS-SERIF BOLD CAPITAL OMICRON
 ≈ 039F O greek capital letter omicron
 1D765 **Π** MATHEMATICAL SANS-SERIF BOLD CAPITAL PI
 ≈ 03A0 Π greek capital letter pi
 1D766 **P** MATHEMATICAL SANS-SERIF BOLD CAPITAL RHO
 ≈ 03A1 P greek capital letter rho
 1D767 **Θ** MATHEMATICAL SANS-SERIF BOLD CAPITAL THETA SYMBOL
 ≈ 03F4 Θ greek capital theta symbol

1D768 **Σ** MATHEMATICAL SANS-SERIF BOLD CAPITAL SIGMA
 ≈ 03A3 Σ greek capital letter sigma
 1D769 **T** MATHEMATICAL SANS-SERIF BOLD CAPITAL TAU
 ≈ 03A4 T greek capital letter tau
 1D76A **Υ** MATHEMATICAL SANS-SERIF BOLD CAPITAL UPSILON
 ≈ 03A5 Υ greek capital letter upsilon
 1D76B **Φ** MATHEMATICAL SANS-SERIF BOLD CAPITAL PHI
 ≈ 03A6 Φ greek capital letter phi
 1D76C **Χ** MATHEMATICAL SANS-SERIF BOLD CAPITAL CHI
 ≈ 03A7 Χ greek capital letter chi
 1D76D **Ψ** MATHEMATICAL SANS-SERIF BOLD CAPITAL PSI
 ≈ 03A8 Ψ greek capital letter psi
 1D76E **Ω** MATHEMATICAL SANS-SERIF BOLD CAPITAL OMEGA
 ≈ 03A9 Ω greek capital letter omega
 1D76F **∇** MATHEMATICAL SANS-SERIF BOLD NABLA
 ≈ 2207 ∇ nabla
 1D770 **α** MATHEMATICAL SANS-SERIF BOLD SMALL ALPHA
 ≈ 03B1 α greek small letter alpha
 1D771 **β** MATHEMATICAL SANS-SERIF BOLD SMALL BETA
 ≈ 03B2 β greek small letter beta
 1D772 **γ** MATHEMATICAL SANS-SERIF BOLD SMALL GAMMA
 ≈ 03B3 γ greek small letter gamma
 1D773 **δ** MATHEMATICAL SANS-SERIF BOLD SMALL DELTA
 ≈ 03B4 δ greek small letter delta
 1D774 **ε** MATHEMATICAL SANS-SERIF BOLD SMALL EPSILON
 ≈ 03B5 ε greek small letter epsilon
 1D775 **ζ** MATHEMATICAL SANS-SERIF BOLD SMALL ZETA
 ≈ 03B6 ζ greek small letter zeta
 1D776 **η** MATHEMATICAL SANS-SERIF BOLD SMALL ETA
 ≈ 03B7 η greek small letter eta
 1D777 **θ** MATHEMATICAL SANS-SERIF BOLD SMALL THETA
 ≈ 03B8 θ greek small letter theta
 1D778 **ι** MATHEMATICAL SANS-SERIF BOLD SMALL IOTA
 ≈ 03B9 ι greek small letter iota
 1D779 **κ** MATHEMATICAL SANS-SERIF BOLD SMALL KAPPA
 ≈ 03BA κ greek small letter kappa
 1D77A **λ** MATHEMATICAL SANS-SERIF BOLD SMALL LAMDA
 ≈ 03BB λ greek small letter lamda
 1D77B **μ** MATHEMATICAL SANS-SERIF BOLD SMALL MU
 ≈ 03BC μ greek small letter mu
 1D77C **ν** MATHEMATICAL SANS-SERIF BOLD SMALL NU
 ≈ 03BD ν greek small letter nu
 1D77D **ξ** MATHEMATICAL SANS-SERIF BOLD SMALL XI
 ≈ 03BE ξ greek small letter xi
 1D77E **ο** MATHEMATICAL SANS-SERIF BOLD SMALL OMICRON
 ≈ 03BF ο greek small letter omicron

1D77F	π	MATHEMATICAL SANS-SERIF BOLD SMALL PI ≈ 03C0 π greek small letter pi
1D780	ρ	MATHEMATICAL SANS-SERIF BOLD SMALL RHO ≈ 03C1 ρ greek small letter rho
1D781	ς	MATHEMATICAL SANS-SERIF BOLD SMALL FINAL SIGMA ≈ 03C2 ς greek small letter final sigma
1D782	σ	MATHEMATICAL SANS-SERIF BOLD SMALL SIGMA ≈ 03C3 σ greek small letter sigma
1D783	τ	MATHEMATICAL SANS-SERIF BOLD SMALL TAU ≈ 03C4 τ greek small letter tau
1D784	υ	MATHEMATICAL SANS-SERIF BOLD SMALL UPSILON ≈ 03C5 υ greek small letter upsilon
1D785	φ	MATHEMATICAL SANS-SERIF BOLD SMALL PHI ≈ 03C6 φ greek small letter phi
1D786	χ	MATHEMATICAL SANS-SERIF BOLD SMALL CHI ≈ 03C7 χ greek small letter chi
1D787	ψ	MATHEMATICAL SANS-SERIF BOLD SMALL PSI ≈ 03C8 ψ greek small letter psi
1D788	ω	MATHEMATICAL SANS-SERIF BOLD SMALL OMEGA ≈ 03C9 ω greek small letter omega

Additional sans-serif bold Greek symbols

1D789	∂	MATHEMATICAL SANS-SERIF BOLD PARTIAL DIFFERENTIAL ≈ 2202 ∂ partial differential
1D78A	ε	MATHEMATICAL SANS-SERIF BOLD EPSILON SYMBOL ≈ 03F5 ε greek lunate epsilon symbol
1D78B	θ	MATHEMATICAL SANS-SERIF BOLD THETA SYMBOL ≈ 03D1 θ greek theta symbol
1D78C	κ	MATHEMATICAL SANS-SERIF BOLD KAPPA SYMBOL ≈ 03F0 κ greek kappa symbol
1D78D	φ	MATHEMATICAL SANS-SERIF BOLD PHI SYMBOL ≈ 03D5 φ greek phi symbol
1D78E	ρ	MATHEMATICAL SANS-SERIF BOLD RHO SYMBOL ≈ 03F1 ρ greek rho symbol
1D78F	π	MATHEMATICAL SANS-SERIF BOLD PI SYMBOL ≈ 03D6 π greek pi symbol

Sans-serif bold italic Greek symbols

1D790	Α	MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL ALPHA ≈ 0391 Α greek capital letter alpha
1D791	Β	MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL BETA ≈ 0392 Β greek capital letter beta
1D792	Γ	MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL GAMMA ≈ 0393 Γ greek capital letter gamma
1D793	Δ	MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL DELTA ≈ 0394 Δ greek capital letter delta
1D794	Ε	MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL EPSILON ≈ 0395 Ε greek capital letter epsilon

1D795	Ζ	MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL ZETA ≈ 0396 Ζ greek capital letter zeta
1D796	Η	MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL ETA ≈ 0397 Η greek capital letter eta
1D797	Θ	MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL THETA ≈ 0398 Θ greek capital letter theta
1D798	Ι	MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL IOTA ≈ 0399 Ι greek capital letter iota
1D799	Κ	MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL KAPPA ≈ 039A Κ greek capital letter kappa
1D79A	Λ	MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL LAMDA ≈ 039B Λ greek capital letter lamda
1D79B	Μ	MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL MU ≈ 039C Μ greek capital letter mu
1D79C	Ν	MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL NU ≈ 039D Ν greek capital letter nu
1D79D	Ξ	MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL XI ≈ 039E Ξ greek capital letter xi
1D79E	Ο	MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL OMICRON ≈ 039F Ο greek capital letter omicron
1D79F	Π	MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL PI ≈ 03A0 Π greek capital letter pi
1D7A0	Ρ	MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL RHO ≈ 03A1 Ρ greek capital letter rho
1D7A1	Θ	MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL THETA SYMBOL ≈ 03F4 Θ greek capital theta symbol
1D7A2	Σ	MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL SIGMA ≈ 03A3 Σ greek capital letter sigma
1D7A3	Τ	MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL TAU ≈ 03A4 Τ greek capital letter tau
1D7A4	Υ	MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL UPSILON ≈ 03A5 Υ greek capital letter upsilon
1D7A5	Φ	MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL PHI ≈ 03A6 Φ greek capital letter phi
1D7A6	Χ	MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL CHI ≈ 03A7 Χ greek capital letter chi
1D7A7	Ψ	MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL PSI ≈ 03A8 Ψ greek capital letter psi
1D7A8	Ω	MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL OMEGA ≈ 03A9 Ω greek capital letter omega
1D7A9	∇	MATHEMATICAL SANS-SERIF BOLD ITALIC NABLA ≈ 2207 ∇ nabla

1D7AA	α	MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL ALPHA ≈ 03B1 α greek small letter alpha
1D7AB	β	MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL BETA ≈ 03B2 β greek small letter beta
1D7AC	γ	MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL GAMMA ≈ 03B3 γ greek small letter gamma
1D7AD	δ	MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL DELTA ≈ 03B4 δ greek small letter delta
1D7AE	ε	MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL EPSILON ≈ 03B5 ε greek small letter epsilon
1D7AF	ζ	MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL ZETA ≈ 03B6 ζ greek small letter zeta
1D7B0	η	MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL ETA ≈ 03B7 η greek small letter eta
1D7B1	θ	MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL THETA ≈ 03B8 θ greek small letter theta
1D7B2	ι	MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL IOTA ≈ 03B9 ι greek small letter iota
1D7B3	κ	MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL KAPPA ≈ 03BA κ greek small letter kappa
1D7B4	λ	MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL LAMDA ≈ 03BB λ greek small letter lamda
1D7B5	μ	MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL MU ≈ 03BC μ greek small letter mu
1D7B6	ν	MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL NU ≈ 03BD ν greek small letter nu
1D7B7	ξ	MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL XI ≈ 03BE ξ greek small letter xi
1D7B8	ο	MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL OMICRON ≈ 03BF ο greek small letter omicron
1D7B9	π	MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL PI ≈ 03C0 π greek small letter pi
1D7BA	ρ	MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL RHO ≈ 03C1 ρ greek small letter rho
1D7BB	ς	MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL FINAL SIGMA ≈ 03C2 ς greek small letter final sigma
1D7BC	σ	MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL SIGMA ≈ 03C3 σ greek small letter sigma
1D7BD	τ	MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL TAU ≈ 03C4 τ greek small letter tau
1D7BE	υ	MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL UPSILON ≈ 03C5 υ greek small letter upsilon

1D7BF	φ	MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL PHI ≈ 03C6 φ greek small letter phi
1D7C0	χ	MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL CHI ≈ 03C7 χ greek small letter chi
1D7C1	ψ	MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL PSI ≈ 03C8 ψ greek small letter psi
1D7C2	ω	MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL OMEGA ≈ 03C9 ω greek small letter omega

Additional sans-serif bold italic Greek symbols

1D7C3	∂	MATHEMATICAL SANS-SERIF BOLD ITALIC PARTIAL DIFFERENTIAL ≈ 2202 ∂ partial differential
1D7C4	ε	MATHEMATICAL SANS-SERIF BOLD ITALIC EPSILON SYMBOL ≈ 03F5 ε greek lunate epsilon symbol
1D7C5	θ	MATHEMATICAL SANS-SERIF BOLD ITALIC THETA SYMBOL ≈ 03D1 θ greek theta symbol
1D7C6	κ	MATHEMATICAL SANS-SERIF BOLD ITALIC KAPPA SYMBOL ≈ 03F0 κ greek kappa symbol
1D7C7	φ	MATHEMATICAL SANS-SERIF BOLD ITALIC PHI SYMBOL ≈ 03D5 φ greek phi symbol
1D7C8	ρ	MATHEMATICAL SANS-SERIF BOLD ITALIC RHO SYMBOL ≈ 03F1 ρ greek rho symbol
1D7C9	π	MATHEMATICAL SANS-SERIF BOLD ITALIC PI SYMBOL ≈ 03D6 π greek pi symbol

Additional bold Greek symbols

1D7CA	Γ	MATHEMATICAL BOLD CAPITAL DIGAMMA ≈ 03DC Γ greek letter digamma
1D7CB	Ϝ	MATHEMATICAL BOLD SMALL DIGAMMA ≈ 03DD Ϝ greek small letter digamma

Bold digits

1D7CE	0	MATHEMATICAL BOLD DIGIT ZERO ≈ 0030 0 digit zero
1D7CF	1	MATHEMATICAL BOLD DIGIT ONE ≈ 0031 1 digit one
1D7D0	2	MATHEMATICAL BOLD DIGIT TWO ≈ 0032 2 digit two
1D7D1	3	MATHEMATICAL BOLD DIGIT THREE ≈ 0033 3 digit three
1D7D2	4	MATHEMATICAL BOLD DIGIT FOUR ≈ 0034 4 digit four
1D7D3	5	MATHEMATICAL BOLD DIGIT FIVE ≈ 0035 5 digit five
1D7D4	6	MATHEMATICAL BOLD DIGIT SIX ≈ 0036 6 digit six
1D7D5	7	MATHEMATICAL BOLD DIGIT SEVEN ≈ 0037 7 digit seven
1D7D6	8	MATHEMATICAL BOLD DIGIT EIGHT ≈ 0038 8 digit eight
1D7D7	9	MATHEMATICAL BOLD DIGIT NINE ≈ 0039 9 digit nine

Double-struck digits

1D7D8	0	MATHEMATICAL DOUBLE-STRUCK DIGIT ZERO
		≈ 0030 0 digit zero
1D7D9	1	MATHEMATICAL DOUBLE-STRUCK DIGIT ONE
		≈ 0031 1 digit one
1D7DA	2	MATHEMATICAL DOUBLE-STRUCK DIGIT TWO
		≈ 0032 2 digit two
1D7DB	3	MATHEMATICAL DOUBLE-STRUCK DIGIT THREE
		≈ 0033 3 digit three
1D7DC	4	MATHEMATICAL DOUBLE-STRUCK DIGIT FOUR
		≈ 0034 4 digit four
1D7DD	5	MATHEMATICAL DOUBLE-STRUCK DIGIT FIVE
		≈ 0035 5 digit five
1D7DE	6	MATHEMATICAL DOUBLE-STRUCK DIGIT SIX
		≈ 0036 6 digit six
1D7DF	7	MATHEMATICAL DOUBLE-STRUCK DIGIT SEVEN
		≈ 0037 7 digit seven
1D7E0	8	MATHEMATICAL DOUBLE-STRUCK DIGIT EIGHT
		≈ 0038 8 digit eight
1D7E1	9	MATHEMATICAL DOUBLE-STRUCK DIGIT NINE
		≈ 0039 9 digit nine

Sans-serif digits

1D7E2	0	MATHEMATICAL SANS-SERIF DIGIT ZERO
		≈ 0030 0 digit zero
1D7E3	1	MATHEMATICAL SANS-SERIF DIGIT ONE
		≈ 0031 1 digit one
1D7E4	2	MATHEMATICAL SANS-SERIF DIGIT TWO
		≈ 0032 2 digit two
1D7E5	3	MATHEMATICAL SANS-SERIF DIGIT THREE
		≈ 0033 3 digit three
1D7E6	4	MATHEMATICAL SANS-SERIF DIGIT FOUR
		≈ 0034 4 digit four
1D7E7	5	MATHEMATICAL SANS-SERIF DIGIT FIVE
		≈ 0035 5 digit five
1D7E8	6	MATHEMATICAL SANS-SERIF DIGIT SIX
		≈ 0036 6 digit six
1D7E9	7	MATHEMATICAL SANS-SERIF DIGIT SEVEN
		≈ 0037 7 digit seven
1D7EA	8	MATHEMATICAL SANS-SERIF DIGIT EIGHT
		≈ 0038 8 digit eight
1D7EB	9	MATHEMATICAL SANS-SERIF DIGIT NINE
		≈ 0039 9 digit nine

Sans-serif bold digits

1D7EC	0	MATHEMATICAL SANS-SERIF BOLD DIGIT ZERO
		≈ 0030 0 digit zero
1D7ED	1	MATHEMATICAL SANS-SERIF BOLD DIGIT ONE
		≈ 0031 1 digit one
1D7EE	2	MATHEMATICAL SANS-SERIF BOLD DIGIT TWO
		≈ 0032 2 digit two
1D7EF	3	MATHEMATICAL SANS-SERIF BOLD DIGIT THREE
		≈ 0033 3 digit three
1D7F0	4	MATHEMATICAL SANS-SERIF BOLD DIGIT FOUR
		≈ 0034 4 digit four
1D7F1	5	MATHEMATICAL SANS-SERIF BOLD DIGIT FIVE
		≈ 0035 5 digit five
1D7F2	6	MATHEMATICAL SANS-SERIF BOLD DIGIT SIX
		≈ 0036 6 digit six
1D7F3	7	MATHEMATICAL SANS-SERIF BOLD DIGIT SEVEN
		≈ 0037 7 digit seven

1D7F4 8 MATHEMATICAL SANS-SERIF BOLD DIGIT EIGHT





































≈ 0038 8 digit eight


1D7F5 9 MATHEMATICAL SANS-SERIF BOLD DIGIT NINE

≈ 0039 9 digit nine


Monospace digits

1D7F6	0	MATHEMATICAL MONOSPACE DIGIT ZERO
		≈ 0030 0 digit zero
1D7F7	1	MATHEMATICAL MONOSPACE DIGIT ONE
		≈ 0031 1 digit one
1D7F8	2	MATHEMATICAL MONOSPACE DIGIT TWO
		≈ 0032 2 digit two
1D7F9	3	MATHEMATICAL MONOSPACE DIGIT THREE
		≈ 0033 3 digit three
1D7FA	4	MATHEMATICAL MONOSPACE DIGIT FOUR
		≈ 0034 4 digit four
1D7FB	5	MATHEMATICAL MONOSPACE DIGIT FIVE
		≈ 0035 5 digit five
1D7FC	6	MATHEMATICAL MONOSPACE DIGIT SIX
		≈ 0036 6 digit six
1D7FD	7	MATHEMATICAL MONOSPACE DIGIT SEVEN
		≈ 0037 7 digit seven
1D7FE	8	MATHEMATICAL MONOSPACE DIGIT EIGHT
		≈ 0038 8 digit eight
1D7FF	9	MATHEMATICAL MONOSPACE DIGIT NINE
		≈ 0039 9 digit nine


Standardized Variation Sequences	
1D49C	 MATHEMATICAL SCRIPT CAPITAL A <small>1D49C</small>  chancery style <small>1D49C FE00</small>  roundhand style <small>1D49C FE01</small>
1D49E	 MATHEMATICAL SCRIPT CAPITAL C <small>1D49E</small>  chancery style <small>1D49E FE00</small>  roundhand style <small>1D49E FE01</small>
1D49F	 MATHEMATICAL SCRIPT CAPITAL D <small>1D49F</small>  chancery style <small>1D49F FE00</small>  roundhand style <small>1D49F FE01</small>
1D4A2	 MATHEMATICAL SCRIPT CAPITAL G <small>1D4A2</small>  chancery style <small>1D4A2 FE00</small>  roundhand style <small>1D4A2 FE01</small>
1D4A5	 MATHEMATICAL SCRIPT CAPITAL J <small>1D4A5</small>  chancery style <small>1D4A5 FE00</small>  roundhand style <small>1D4A5 FE01</small>
1D4A6	 MATHEMATICAL SCRIPT CAPITAL K <small>1D4A6</small>  chancery style <small>1D4A6 FE00</small>  roundhand style <small>1D4A6 FE01</small>
1D4A9	 MATHEMATICAL SCRIPT CAPITAL N <small>1D4A9</small>  chancery style <small>1D4A9 FE00</small>  roundhand style <small>1D4A9 FE01</small>
1D4AA	 MATHEMATICAL SCRIPT CAPITAL O <small>1D4AA</small>  chancery style <small>1D4AA FE00</small>  roundhand style <small>1D4AA FE01</small>
1D4AB	 MATHEMATICAL SCRIPT CAPITAL P <small>1D4AB</small>  chancery style <small>1D4AB FE00</small>  roundhand style <small>1D4AB FE01</small>
1D4AC	 MATHEMATICAL SCRIPT CAPITAL Q <small>1D4AC</small>  chancery style <small>1D4AC FE00</small>  roundhand style <small>1D4AC FE01</small>
1D4AE	 MATHEMATICAL SCRIPT CAPITAL S <small>1D4AE</small>  chancery style <small>1D4AE FE00</small>  roundhand style <small>1D4AE FE01</small>
1D4AF	 MATHEMATICAL SCRIPT CAPITAL T <small>1D4AF</small>  chancery style <small>1D4AF FE00</small>  roundhand style <small>1D4AF FE01</small>

1D4B0  MATHEMATICAL SCRIPT CAPITAL U


1D4B0

 chancery style


1D4B0 FE00

 roundhand style


1D4B0 FE01

1D4B1  MATHEMATICAL SCRIPT CAPITAL V

1D4B1

 chancery style


1D4B1 FE00

 roundhand style


1D4B1 FE01

1D4B2  MATHEMATICAL SCRIPT CAPITAL W


1D4B2

 chancery style


1D4B2 FE00

 roundhand style


1D4B2 FE01

1D4B3  MATHEMATICAL SCRIPT CAPITAL X


1D4B3

 chancery style


1D4B3 FE00

 roundhand style


1D4B3 FE01

1D4B4  MATHEMATICAL SCRIPT CAPITAL Y


1D4B4

 chancery style


1D4B4 FE00

 roundhand style


1D4B4 FE01

1D4B5  MATHEMATICAL SCRIPT CAPITAL Z

1D4B5

 chancery style

1D4B5 FE00

 roundhand style

1D4B5 FE01