## 1 2-digit hex

```
\exclamdown Inverted Exclamation Mark
1 | #
2 £ #
         \sterling
                   Pound Sign
  ¥ #
                 Yen Sign
         \ yen
  #
         \brokenbar Broken Bar / Broken Vertical Bar
  § #
         \S Section Sign
5
   © #
         \copyright, \:copyright: Copyright Sign
 6
   a #
                        Feminine Ordinal Indicator
7
         \ordfeminine
   - #
         \neg
                 Not Sign
8
   B #
         \circledR, \:registered:
                                     Registered Sign / Registered Trade Mark Sign
9
         \highminus Macron / Spacing Macron
10
   • #
         \degree Degree Sign
11
12 ± #
         \pm Plus-Minus Sign / Plus-Or-Minus Sign
   2 #
         \^2 Superscript Two / Superscript Digit Two
13
   3 #
         \^3 Superscript Three / Superscript Digit Three
14
15 ¶ #
         \P Pilcrow Sign / Paragraph Sign
         \cdotp Middle Dot
16
17 1 #
         \^1 Superscript One / Superscript Digit One
  9 #
         \ordmasculine Masculine Ordinal Indicator
18
19 1/4 #
         \1/4 Vulgar Fraction One Quarter / Fraction One Quarter
20 1/2 #
         \1/2
                 Vulgar Fraction One Half / Fraction One Half
21 3/4 #
                 Vulgar Fraction Three Quarters / Fraction Three Quarters
22 ¿ #
         \questiondown Inverted Question Mark
23 Å #
         \AA Latin Capital Letter A With Ring Above / Latin Capital Letter A Ring
24 Æ #
         \AE Latin Capital Letter Ae / Latin Capital Letter A E
25 Đ #
         \DH Latin Capital Letter Eth
26 × #
         \times Multiplication Sign
27
   Ø #
         \O Latin Capital Letter O With Stroke / Latin Capital Letter O Slash
28 Þ #
         \TH Latin Capital Letter Thorn
29 ß #
         \ss Latin Small Letter Sharp S
30 å #
         \aa Latin Small Letter A With Ring Above / Latin Small Letter A Ring
31 æ #
         \ae Latin Small Letter Ae / Latin Small Letter A E
32 ð #
                     Latin Small Letter Eth
         \eth, \dh
33 ÷ #
                 Division Sign
         \o Latin Small Letter O With Stroke / Latin Small Letter O Slash
34 Ø #
35 b #
         \th Latin Small Letter Thorn
```

## 2 Zero-padded 4-digit hex

```
# \DJ Latin Capital Letter D With Stroke / Latin Capital Letter D Bar
  Ð
1
       # \dj Latin Small Letter D With Stroke / Latin Small Letter D Bar
 2
  đ
   ħ
                 Latin Small Letter H With Stroke / Latin Small Letter H Bar
3
       # \imath Latin Small Letter Dotless I
4
   1
       # \L Latin Capital Letter L With Stroke / Latin Capital Letter L Slash
5
       # \l Latin Small Letter L With Stroke / Latin Small Letter L Slash
   ł
6
       # \NG Latin Capital Letter Eng
   Ŋ
7
       # \ng Latin Small Letter Eng
8
  ŋ
       # \OE Latin Capital Ligature Oe / Latin Capital Letter O E
9 Œ
       # \oe Latin Small Ligature Oe / Latin Small Letter O E
10 œ
```

```
# \hvlig Latin Small Letter Hv / Latin Small Letter H V
11 h
12
       # \nrleg Latin Small Letter N With Long Right Leg
   η
   Z
                 Latin Capital Letter Z With Stroke / Latin Capital Letter Z Bar
13
       # \doublepipe Latin Letter Alveolar Click / Latin Letter Pipe Double Bar
   ŧ
14
       # \jmath Latin Small Letter Dotless J
15
   J
       # \trna
                 Latin Small Letter Turned A
   В
16
       # \trnsa Latin Small Letter Turned Alpha / Latin Small Letter Turned Script A
17
   b
       #\openo
                 Latin Small Letter Open O
18
   2
                 Latin Small Letter D With Tail / Latin Small Letter D Retroflex Hook
19
   þ
       # \rtld
       # \schwa Latin Small Letter Schwa
20
   ə
       # \pgamma Latin Small Letter Gamma
21
   X
       # \pbgam Latin Small Letter Rams Horn / Latin Small Letter Baby Gamma
22
   જ
                 Latin Small Letter Turned H
23
   Ч
       # \trnh
24
   4
       # \btdl
                 Latin Small Letter L With Belt / Latin Small Letter L Belt
                 Latin Small Letter L With Retroflex Hook
       # \rtll
25
   l
                 Latin Small Letter Turned M
26
   ш
       # \trnm
       # \trnmlr Latin Small Letter Turned M With Long Leg
27
       # \ltlmr Latin Small Letter M With Hook / Latin Small Letter M Hook
28
   m
       # \ltln
29
   n
                 Latin Small Letter N With Left Hook / Latin Small Letter N Hook
       #\rtln
                Latin Small Letter N With Retroflex Hook
30
   η
        # \clomeg Latin Small Letter Closed Omega
   ۵
       # \ltphi Latin Small Letter Phi
   Φ
32
       # \trnr
                 Latin Small Letter Turned R
33
   J
       # \trnrl Latin Small Letter Turned R With Long Leg
34
   I
35
   Į
       # \rttrnr Latin Small Letter Turned R With Hook
       # \rl Latin Small Letter R With Long Leg
36
   r
       # \rtlr
                 Latin Small Letter R With Tail / Latin Small Letter R Hook
37
   r
       #\fhr
                 Latin Small Letter R With Fishhook / Latin Small Letter Fishhook R
38
   ſ
                 Latin Small Letter S With Hook / Latin Small Letter S Hook
       # \rtls
39
   S
       #\esh
40
   ſ
                 Latin Small Letter Esh
       # \trnt
                 Latin Small Letter Turned T
41
   7
                 Latin Small Letter T With Retroflex Hook
       # \rtlt
42
   t
       # \pupsil Latin Small Letter Upsilon
43
   \nabla
       # \pscrv Latin Small Letter V With Hook / Latin Small Letter Script V
44
   ٧
                 Latin Small Letter Turned V
45
   ٨
       #\invv
       #\invw
                 Latin Small Letter Turned W
   λ
       # \trny
                 Latin Small Letter Turned Y
47
       # \rtlz
                 Latin Small Letter Z With Retroflex Hook
48
   Z
       #\yogh
                 Latin Small Letter Ezh / Latin Small Letter Yogh
49
   3
50
       #\glst
                 Latin Letter Glottal Stop
       # \reglst Latin Letter Pharyngeal Voiced Fricative / Reversed Glottal Stop
   ۲
51
52
   S
       # \inglst Latin Letter Inverted Glottal Stop
       # \turnk Latin Small Letter Turned K
53
   K
       # \dyogh Latin Small Letter Dezh Digraph / Latin Small Letter D Yogh
54
   ďЗ
                Latin Small Letter Tesh Digraph / Latin Small Letter T Esh
       # \tesh
55
   ţſ
       # \^h Modifier Letter Small H
56
   j
57
       # \^j Modifier Letter Small J
       # \^r Modifier Letter Small R
58
       # \^w Modifier Letter Small W
59
   У
       # \^v Modifier Letter Small Y
60
       #\rasp
                 Modifier Letter Apostrophe
61
       # \verts Modifier Letter Vertical Line
62
       # \verti Modifier Letter Low Vertical Line
63
       # \lmrk Modifier Letter Triangular Colon
```

```
# \hlmrk Modifier Letter Half Triangular Colon
65
66
        # \sbrhr Modifier Letter Centred Right Half Ring
        #\sblhr
                 Modifier Letter Centred Left Half Ring
67
        # \rais
                  Modifier Letter Up Tack
68
        # \low
                  Modifier Letter Down Tack
69
        # \u Breve / Spacing Breve
70
        # \tildelow
                    Small Tilde / Spacing Tilde
71
    ι
72
        # \^l Modifier Letter Small L
        # \^s Modifier Letter Small S
73
        # \^x Modifier Letter Small X
74
        # \grave Combining Grave Accent / Non-Spacing Grave
75
        #\acute Combining Acute Accent / Non-Spacing Acute
76
77
        #\hat
                  Combining Circumflex Accent / Non-Spacing Circumflex
        # \tilde Combining Tilde / Non-Spacing Tilde
78
        # \bar
                  Combining Macron / Non-Spacing Macron
79
                      Combining Overline / Non-Spacing Overscore
        # \overbar
80
        # \breve Combining Breve / Non-Spacing Breve
81
                  Combining Dot Above / Non-Spacing Dot Above
        #\dot
82
83
        # \ddot
                  Combining Diaeresis / Non-Spacing Diaeresis
        # \ovhook Combining Hook Above / Non-Spacing Hook Above
84
        # \ocirc Combining Ring Above / Non-Spacing Ring Above
85
        # \H Combining Double Acute Accent / Non-Spacing Double Acute
86
        # \check Combining Caron / Non-Spacing Hacek
87
88
        # \candra Combining Candrabindu / Non-Spacing Candrabindu
        # \oturnedcomma
                          Combining Turned Comma Above / Non-Spacing Turned Comma Above
89
        # \ocommatopright Combining Comma Above Right / Non-Spacing Comma Above Right
90
        # \droang Combining Left Angle Above / Non-Spacing Left Angle Above
91
92
                  Combining Palatalized Hook Below / Non-Spacing Palatalized Hook Below
        # \rh Combining Retroflex Hook Below / Non-Spacing Retroflex Hook Below
93
94
        # \c Combining Cedilla / Non-Spacing Cedilla
        # \k Combining Ogonek / Non-Spacing Ogonek
95
        # \sbbrg Combining Bridge Below / Non-Spacing Bridge Below
96
        # \wideutilde Combining Tilde Below / Non-Spacing Tilde Below
97
        # \underbar Combining Low Line / Non-Spacing Underscore
98
        # \strike, \sout Combining Long Stroke Overlay / Non-Spacing Long Bar Overlay
99
                  Combining Long Solidus Overlay / Non-Spacing Long Slash Overlay
        #\not
100
        # \underleftrightarrow
                                  Combining Left Right Arrow Below
101
        # \Alpha Greek Capital Letter Alpha
102
    Α
103
    В
        #\Beta
                 Greek Capital Letter Beta
104
   Γ
        # \Gamma Greek Capital Letter Gamma
        # \Delta Greek Capital Letter Delta
105
   Δ
106
   Ε
        # \Epsilon
                      Greek Capital Letter Epsilon
   Z
107
        # \Zeta Greek Capital Letter Zeta
        #\Eta
                  Greek Capital Letter Eta
108 H
        # \Theta Greek Capital Letter Theta
109
   Θ
110 I
        # \Iota
                 Greek Capital Letter Iota
111 K
        # \Kappa Greek Capital Letter Kappa
        # \Lambda Greek Capital Letter Lamda / Greek Capital Letter Lambda
112 \
113 M
        #\upMu
                  Greek Capital Letter Mu
114 N
        #\upNu
                  Greek Capital Letter Nu
115 \equiv
        # \Xi Greek Capital Letter Xi
116 O
        # \upOmicron Greek Capital Letter Omicron
117 □
        # \Pi Greek Capital Letter Pi
118 P
        # \Rho Greek Capital Letter Rho
```

```
# \Sigma Greek Capital Letter Sigma
119 Σ
120 T
        #\Tau
                  Greek Capital Letter Tau
121 Y
        # \Upsilon
                     Greek Capital Letter Upsilon
        #\Phi
122 Φ
                 Greek Capital Letter Phi
123 X
        # \Chi
                 Greek Capital Letter Chi
        # \Psi
124 Ψ
                 Greek Capital Letter Psi
        # \Omega Greek Capital Letter Omega
125 Ω
126 α
        # \alpha Greek Small Letter Alpha
127 β
        # \beta Greek Small Letter Beta
128 Y
        # \gamma Greek Small Letter Gamma
        # \delta Greek Small Letter Delta
129 δ
       # \upepsilon, # \varepsilon Greek Small Letter Epsilon
130 ε
131 ζ
        #\zeta Greek Small Letter Zeta
                 Greek Small Letter Eta
132 n
        #\eta
        # \theta Greek Small Letter Theta
133 θ
        # \iota Greek Small Letter Iota
134 l
        # \kappa Greek Small Letter Kappa
135 K
        # \lambda Greek Small Letter Lamda / Greek Small Letter Lambda
136 λ
        # \mu Greek Small Letter Mu
137 µ
138 ν
        # \nu Greek Small Letter Nu
139 ξ
        # \xi Greek Small Letter Xi
        # \upomicron Greek Small Letter Omicron
140 O
        # \pi Greek Small Letter Pi
141 π
        #\rho
                 Greek Small Letter Rho
142 ρ
143 S
        # \varsigma
                    Greek Small Letter Final Sigma
144 o
        # \sigma Greek Small Letter Sigma
        #\tau
145 T
                Greek Small Letter Tau
                     Greek Small Letter Upsilon
        # \upsilon
146 U
        # \varphi Greek Small Letter Phi
147 φ
        # \chi
                 Greek Small Letter Chi
148 χ
149 V
        #\psi
                 Greek Small Letter Psi
        # \omega Greek Small Letter Omega
150 ω
        # \upvarbeta Greek Beta Symbol / Greek Small Letter Curled Beta
151 6
                    Greek Theta Symbol / Greek Small Letter Script Theta
        # \vartheta
152 ∂
                 Greek Phi Symbol / Greek Small Letter Script Phi
153 Φ
        #\phi
        # \varpi Greek Pi Symbol / Greek Small Letter Omega Pi
154 W
155 Q
        # \upoldKoppa Greek Letter Archaic Koppa
        # \upoldkoppa Greek Small Letter Archaic Koppa
156 Q
157 \
        # \Stigma Greek Letter Stigma / Greek Capital Letter Stigma
158 <
        # \upstigma Greek Small Letter Stigma
159 F
        # \Digamma
                     Greek Letter Digamma / Greek Capital Letter Digamma
        # \digamma
160 F
                     Greek Small Letter Digamma
161 ½
        # \Koppa Greek Letter Koppa / Greek Capital Letter Koppa
162 4
        # \upkoppa
                     Greek Small Letter Koppa
        # \Sampi Greek Letter Sampi / Greek Capital Letter Sampi
163
164
        # \upsampi
                     Greek Small Letter Sampi
        # \varkappa
                     Greek Kappa Symbol / Greek Small Letter Script Kappa
165 X
166 2
        # \varrho Greek Rho Symbol / Greek Small Letter Tailed Rho
167 θ
       # \varTheta
                     Greek Capital Theta Symbol
       # \epsilon
                     Greek Lunate Epsilon Symbol
168 €
        # \backepsilon Greek Reversed Lunate Epsilon Symbol
169 Э
```

## 3 4-digit hex

```
\^A Modifier Letter Capital A
1
   B #
         \^B Modifier Letter Capital B
 2
   D #
         \^D Modifier Letter Capital D
3
   E #
         \^E Modifier Letter Capital E
   G #
         \^G Modifier Letter Capital G
6
          \^H Modifier Letter Capital H
   I #
         \^I Modifier Letter Capital I
7
   J #
         \^J Modifier Letter Capital J
8
         \^K Modifier Letter Capital K
9
   L #
         \^L Modifier Letter Capital L
10
   M #
         \^M Modifier Letter Capital M
11
   N #
         \^N Modifier Letter Capital N
12
   o #
13
         \^O Modifier Letter Capital O
   P #
         \^P Modifier Letter Capital P
14
   R #
15
         \^R Modifier Letter Capital R
   T #
16
         \^T Modifier Letter Capital T
   U #
         \^U Modifier Letter Capital U
17
   W #
          \^W Modifier Letter Capital W
18
         \^a Modifier Letter Small A
19
   a #
20
          \^alpha Modifier Letter Small Alpha
   b #
21
         \^b Modifier Letter Small B
   d #
          \^d Modifier Letter Small D
22
   e #
23
          \^e Modifier Letter Small E
   ε #
          \^epsilon Modifier Letter Small Open E
24
         \^g Modifier Letter Small G
25
   k #
         \^k Modifier Letter Small K
26
   m #
27
          \^m Modifier Letter Small M
   0 #
          \^o Modifier Letter Small O
28
   p #
         \^p Modifier Letter Small P
29
   t #
         \^t Modifier Letter Small T
30
   u #
         \^u Modifier Letter Small U
31
   v #
         \^v Modifier Letter Small V
32
   β #
          \^beta Modifier Letter Small Beta
33
   γ #
          \^gamma Modifier Letter Small Greek Gamma
   δ #
         \^delta Modifier Letter Small Delta
35
   Ψ#
                  Modifier Letter Small Greek Phi
36
          \^phi
   χ #
          \^chi
                  Modifier Letter Small Chi
37
   i #
          \_i Latin Subscript Small Letter I
38
          \_r Latin Subscript Small Letter R
39
   u #
40
          \_u Latin Subscript Small Letter U
41
          \_v Latin Subscript Small Letter V
          \_beta Greek Subscript Small Letter Beta
42
   γ #
          \_gamma Greek Subscript Small Letter Gamma
43
                Greek Subscript Small Letter Rho
44
          \_rho
   φ #
                  Greek Subscript Small Letter Phi
45
          \_phi
   χ #
                  Greek Subscript Small Letter Chi
46
          \_chi
   c #
47
          \^c Modifier Letter Small C
   f #
         \^f Modifier Letter Small F
   ι #
         \^iota Modifier Letter Small Iota
49
         \^Phi Modifier Letter Small Phi
```

```
\^z Modifier Letter Small Z
51
52
          \^theta Modifier Letter Small Theta
          \enspace En Space
53
     #
          \quad Em Space
54
      #
          \thickspace Four-Per-Em Space
55
      #
          \thinspace Thin Space
56
      #
          \hspace Hair Space
57
   - #
          \endash En Dash
58
   - #
          \emdash Em Dash
59
   #
          \Vert Double Vertical Line / Double Vertical Bar
60
          \lq Left Single Quotation Mark / Single Turned Comma Quotation Mark
61
   , #
          \rq Right Single Quotation Mark / Single Comma Quotation Mark
62
63
          \reapos Single High-Reversed-9 Quotation Mark
   "#
64
          \quotedblleft
                        Left Double Quotation Mark
   " #
          \quotedblright Right Double Quotation Mark / Double Comma Quotation Mark
65
   † #
          \dagger Dagger
66
67 🕇 #
          \ddagger
                      Double Dagger
   • #
          \bullet Bullet
68
          \dots, \ldots
69
   ... #
                          Horizontal Ellipsis
70 ‰ #
                          Per Mille Sign
          \perthousand
71 % #
          \pertenthousand Per Ten Thousand Sign
    / #
72
          \prime Prime
   " #
73
          \pprime Double Prime
74
          \ppprime Triple Prime
   * #
          \backprime Reversed Prime
75
          \backpprime Reversed Double Prime
76
   ··· #
77
          \backppprime
                         Reversed Triple Prime
   (#
          \guilsinglleft Single Left-Pointing Angle Quotation Mark
78
79
   > #
          \guilsinglright Single Right-Pointing Angle Quotation Mark
   !! #
          \:bangbang: Double Exclamation Mark
80
81
    #
          \tieconcat Character Tie
   12 #
          \:interrobang: Exclamation Question Mark
82
   "" #
                    Quadruple Prime
          \pppprime
83
   #
          \tricolon
                      Tricolon
84
    #
                         Word Joiner
85
         \nolinebreak
   0 #
         \^O Superscript Zero / Superscript Digit Zero
86
   i #
         \^i Superscript Latin Small Letter I
87
          \^4 Superscript Four / Superscript Digit Four
88
   5 #
          \^5 Superscript Five / Superscript Digit Five
89
   6 #
          \^6 Superscript Six / Superscript Digit Six
90
   7 #
          \^7 Superscript Seven / Superscript Digit Seven
91
   8 #
92
          \^8 Superscript Eight / Superscript Digit Eight
   9 #
93
          \^9 Superscript Nine / Superscript Digit Nine
   + #
          \^+ Superscript Plus Sign
94
          \^- Superscript Minus / Superscript Hyphen-Minus
95
   = #
          \^= Superscript Equals Sign
96
   ( #
97
         \^( Superscript Left Parenthesis / Superscript Opening Parenthesis
   ) #
          \^) Superscript Right Parenthesis / Superscript Closing Parenthesis
98
    n #
          \^n Superscript Latin Small Letter N
99
100 0 #
          \_O Subscript Zero / Subscript Digit Zero
          \_1 Subscript One / Subscript Digit One
   1 #
101
          \_2 Subscript Two / Subscript Digit Two
102
   2 #
          \_3 Subscript Three / Subscript Digit Three
```

```
\_4 Subscript Four / Subscript Digit Four
104 4 #
          \_5 Subscript Five / Subscript Digit Five
105 5 #
106 6 #
          \_6 Subscript Six / Subscript Digit Six
          \_7 Subscript Seven / Subscript Digit Seven
107
   7 #
108 8 #
          \_8 Subscript Eight / Subscript Digit Eight
          \_9 Subscript Nine / Subscript Digit Nine
109 9 #
110 + #
          \_+ Subscript Plus Sign
          \_- Subscript Minus / Subscript Hyphen-Minus
111 - #
112 = #
          \_= Subscript Equals Sign
          \_( Subscript Left Parenthesis / Subscript Opening Parenthesis
113 (#
          \_) Subscript Right Parenthesis / Subscript Closing Parenthesis
114 ) #
          \_a Latin Subscript Small Letter A
115 a #
116 e #
          \_e Latin Subscript Small Letter E
117 o #
          \_o Latin Subscript Small Letter O
          \_x Latin Subscript Small Letter X
118 x #
          \_schwa Latin Subscript Small Letter Schwa
119 ə #
          \_h Latin Subscript Small Letter H
120 h #
          \_k Latin Subscript Small Letter K
121 k #
          \_l Latin Subscript Small Letter L
122 ι #
123 m #
          \_m Latin Subscript Small Letter M
124 n #
          \_n Latin Subscript Small Letter N
   p #
          \_p Latin Subscript Small Letter P
125
          \_s Latin Subscript Small Letter S
126
   s #
127 t #
          \_t Latin Subscript Small Letter T
128 P #
          \pes
                 Peseta Sign
129 € #
          \euro Euro Sign
         \leftharpoonaccent Combining Left Harpoon Above
130
         \rightharpoonaccent Combining Right Harpoon Above
131
                        Combining Long Vertical Line Overlay
132
         \vertoverlav
     ← #
         \overleftarrow Combining Left Arrow Above / Non-Spacing Left Arrow Above
133
134
      #
                  Combining Right Arrow Above / Non-Spacing Right Arrow Above
          \vec
          \dddot Combining Three Dots Above / Non-Spacing Three Dots Above
135
          \ddddot Combining Four Dots Above / Non-Spacing Four Dots Above
136
    ( #
         \enclosecircle Combining Enclosing Circle / Enclosing Circle
137
    #
138
         \enclosesquare Combining Enclosing Square / Enclosing Square
         \enclosediamond Combining Enclosing Diamond / Enclosing Diamond
139
         \overleftrightarrow Combining Left Right Arrow Above
140
    \triangle#
         \enclosetriangle Combining Enclosing Upward Pointing Triangle
141
                    Combining Annuity Symbol
142
     7 #
          \annuity
          \threeunderdot Combining Triple Underdot
143
      #
    ... #
#
         \widebridgeabove
                             Combining Wide Bridge Above
144
     - #
145
         \underrightharpoondown Combining Rightwards Harpoon With Barb Downwards
    - #
                                 Combining Leftwards Harpoon With Barb Downwards
         \underleftharpoondown
146
    ← #
147
          \underleftarrow Combining Left Arrow Below
148
          \underrightarrow
                             Combining Right Arrow Below
                        Combining Asterisk Above
149
          \asteraccent
150 € #
                Double-Struck Capital C / Double-Struck C
151 & #
          \eulermascheroni Euler Constant / Eulers
152 g #
                  Script Small G
          \scrg
153 H #
          \scrH
                  Script Capital H / Script H
          \frakH Black-Letter Capital H / Black-Letter H
154 H #
155 H #
                  Double-Struck Capital H / Double-Struck H
156 h #
          \planck Planck Constant
```

```
\hslash Planck Constant Over Two Pi / Planck Constant Over 2 Pi
157 ħ #
   \mathcal{I} #
                  Script Capital I / Script I
   1 #
          \Im Black-Letter Capital I / Black-Letter I
159
   \mathcal{L} #
          \scrL
                  Script Capital L / Script L
160
161 l #
          \ell
                  Script Small L
162 N #
          \bbN
                  Double-Struck Capital N / Double-Struck N
163 № #
          \numero Numero Sign / Numero
          \wp Script Capital P / Script P

₽
#

164
165 P#
                  Double-Struck Capital P / Double-Struck P
          \bbP
166 0 #
          \bbQ
                  Double-Struck Capital Q / Double-Struck Q
                  Script Capital R / Script R
   R #
          \scrR
167
          \Re Black-Letter Capital R / Black-Letter R
168 R #
169 R #
                  Double-Struck Capital R / Double-Struck R
          \bbR
170 R #
          \xrat
                  Prescription Take
   тм #
          \trademark, \:tm: Trade Mark Sign / Trademark
171
172 Z #
                  Double-Struck Capital Z / Double-Struck Z
          \bbZ
173 Ω #
          \ohm
                  Ohm Sign / Ohm
                  Inverted Ohm Sign / Mho
174 Ö #
          \mho
          \frakZ Black-Letter Capital Z / Black-Letter Z
175 Z #
          \turnediota Turned Greek Small Letter Iota
176 l #
    Å #
          \Angstrom Angstrom Sign / Angstrom Unit
177
   B #
178
          \scrB
                  Script Capital B / Script B
179 € #
          \frakC Black-Letter Capital C / Black-Letter C
180 e #
          \scre, \euler
                          Script Small E
181 £ #
                  Script Capital E / Script E
          \scrE
                  Script Capital F / Script F
182 F #
          \scrF
183 Ⅎ #
                  Turned Capital F / Turned F
          \Finv
184 M #
          \scrM
                  Script Capital M / Script M
   0 #
          \scro
                  Script Small 0
185
          \aleph Alef Symbol / First Transfinite Cardinal
186 🔀 #
187 🗕 #
          \beth
                  Bet Symbol / Second Transfinite Cardinal
          \gimel Gimel Symbol / Third Transfinite Cardinal
188 አ #
          \daleth Dalet Symbol / Fourth Transfinite Cardinal
189
    7 #
190 i #
          \:information_source: Information Source
191 m #
          \bbpi
                  Double-Struck Small Pi
   V #
          \bbgamma
                      Double-Struck Small Gamma
192
    F #
                      Double-Struck Capital Gamma
193
          \bbGamma
\bbPi
                 Double-Struck Capital Pi
195 📡 #
          \bbsum Double-Struck N-Ary Summation
196 9 #
                  Turned Sans-Serif Capital G
          \Game
    7 #
          \sansLturned
                           Turned Sans-Serif Capital L
197
198 J #
          \sansLmirrored Reversed Sans-Serif Capital L
199 人 #
          \Yup
                  Turned Sans-Serif Capital Y
   ID #
                  Double-Struck Italic Capital D
200
          \bbiD
201 d #
          \bbid
                  Double-Struck Italic Small D
202 e #
                  Double-Struck Italic Small E
          \bbie
203 ii #
          \bbii
                  Double-Struck Italic Small I
   j #
                  Double-Struck Italic Small J
          \bbij
204
205 🗗 #
          \PropertyLine Property Line
206 8 #
          \upand Turned Ampersand
207 4 #
          \1/7
                  Vulgar Fraction One Seventh
208 1/9 #
          \1/9
                  Vulgar Fraction One Ninth
209 10 #
          \1/10
                  Vulgar Fraction One Tenth
210 \frac{1}{3} #
                  Vulgar Fraction One Third / Fraction One Third
          \1/3
```

```
211 \frac{2}{3} #
         \2/3
                 Vulgar Fraction Two Thirds / Fraction Two Thirds
212 \frac{1}{5} #
         \1/5
                 Vulgar Fraction One Fifth / Fraction One Fifth
213 % #
         \2/5
                 Vulgar Fraction Two Fifths / Fraction Two Fifths
214 3/5 #
         \3/5
                 Vulgar Fraction Three Fifths / Fraction Three Fifths
215 4 #
         \4/5
                 Vulgar Fraction Four Fifths / Fraction Four Fifths
216 \frac{1}{6} #
         \1/6
                 Vulgar Fraction One Sixth / Fraction One Sixth
217 % #
          \5/6
                 Vulgar Fraction Five Sixths / Fraction Five Sixths
218 1/8 #
         \1/8
                 Vulgar Fraction One Eighth / Fraction One Eighth
219 3 #
         \3/8
                 Vulgar Fraction Three Eighths / Fraction Three Eighths
220 5/8 #
         \5/8
                 Vulgar Fraction Five Eighths / Fraction Five Eighths
221 78 #
         \7/8
                 Vulgar Fraction Seven Eighths / Fraction Seven Eighths
   1/#
         \1/ Fraction Numerator One
222
223 % #
                 Vulgar Fraction Zero Thirds
         \leftarrow Leftwards Arrow / Left Arrow
224 ← #
225 🕇 #
                     Upwards Arrow / Up Arrow
          \uparrow
226 → #
                            Rightwards Arrow / Right Arrow
          \to, \rightarrow
227 ↓ #
          \downarrow Downwards Arrow / Down Arrow
228 ↔ #
          \leftrightarrow, \:left_right_arrow: Left Right Arrow
229 $ #
          \updownarrow, \:arrow_up_down: Up Down Arrow
   K #
          \nwarrow, \:arrow_upper_left:
                                        North West Arrow / Upper Left Arrow
230
231 7 #
          \nearrow, \:arrow_upper_right: North East Arrow / Upper Right Arrow
232 🕨 #
          \searrow, \:arrow_lower_right: South East Arrow / Lower Right Arrow
          \swarrow, \:arrow_lower_left:
233 ⊭ #
                                         South West Arrow / Lower Left Arrow
          \nleftarrow Leftwards Arrow With Stroke / Left Arrow With Stroke
234 	 #
235 # #
          \nrightarrow Rightwards Arrow With Stroke / Right Arrow With Stroke
236 ← #
         \leftwavearrow Leftwards Wave Arrow / Left Wave Arrow
237 → #
          \rightwavearrow Rightwards Wave Arrow / Right Wave Arrow
238 # #
          239 ★ #
          \twoheaduparrow Upwards Two Headed Arrow / Up Two Headed Arrow
240 <del>**</del> #
          \twoheadrightarrow Rightwards Two Headed Arrow / Right Two Headed Arrow
          \twoheaddownarrow Downwards Two Headed Arrow / Down Two Headed Arrow
241 🛊 #
242 ← #
          \leftarrowtail Leftwards Arrow With Tail / Left Arrow With Tail
243 → #
         \rightarrowtail Rightwards Arrow With Tail / Right Arrow With Tail
244 ← #
          \mapsfrom Leftwards Arrow From Bar / Left Arrow From Bar
   1 #
          \mapsup Upwards Arrow From Bar / Up Arrow From Bar
245
         \mapsto Rightwards Arrow From Bar / Right Arrow From Bar
246 → #
247 I #
          \mapsdown Downwards Arrow From Bar / Down Arrow From Bar
\updownarrowbar Up Down Arrow With Base
249 ↔ #
          \hookleftarrow, \:leftwards_arrow_with_hook:
                                                       Leftwards Arrow With Hook
250 ↔ #
          \hookrightarrow, \:arrow_right_hook: Rightwards Arrow With Hook
251 ₩ #
         \looparrowleft Leftwards Arrow With Loop / Left Arrow With Loop
252 • #
          \looparrowright Rightwards Arrow With Loop / Right Arrow With Loop
   ₩ #
          253
254 쓪 #
                          Left Right Arrow With Stroke
          \nleftrightarrow
255 4 #
                             Downwards Zigzag Arrow / Down Zigzag Arrow
         \downzigzagarrow
   1 #
                 Upwards Arrow With Tip Leftwards / Up Arrow With Tip Left
256
          \Lsh
257 🕇 #
                 Upwards Arrow With Tip Rightwards / Up Arrow With Tip Right
          \Rsh
258 👃 #
                 Downwards Arrow With Tip Leftwards / Down Arrow With Tip Left
         \Ldsh
259 L #
         \Rdsh
                 Downwards Arrow With Tip Rightwards / Down Arrow With Tip Right
\linefeed
                     Rightwards Arrow With Corner Downwards
\carriagereturn Downwards Arrow With Corner Leftwards
262 1 #
          \curvearrowleft Anticlockwise Top Semicircle Arrow
\curvearrowright Clockwise Top Semicircle Arrow
```

```
\barovernorthwestarrow North West Arrow To Long Bar
264 \( \bar{\pi} \)
   ⊭ #
265
          \barleftarrowrightarrowbar Leftwards Arrow To Bar Over Rightwards Arrow Bar
266 5 #
          \circlearrowleft
                              Anticlockwise Open Circle Arrow
267 C #
          \circlearrowright
                              Clockwise Open Circle Arrow
268 - #
          \leftharpoonup Leftwards Harpoon With Barb Upwards
   - #
          \leftharpoondown
                             Leftwards Harpoon With Barb Downwards
269
   1 #
          \upharpoonright Upwards Harpoon With Barb Rightwards / Up Harpoon With Barb Right
270
          \upharpoonleft Upwards Harpoon With Barb Leftwards / Up Harpoon With Barb Left
271
    1 #
   → #
          \rightharpoonup Rightwards Harpoon With Barb Upwards / Right Harpoon With Barb Up
272
   → #
          \rightharpoondown
                              Rightwards Harpoon With Barb Downwards
273
274 ↓ #
          \downharpoonright
                              Downwards Harpoon With Barb Rightwards
          \downharpoonleft
   1 #
                              Downwards Harpoon With Barb Leftwards
275
276 ≒ #
          \rightleftarrows
                              Rightwards Arrow Over Leftwards Arrow
277
   11 #
          \dblarrowupdown Upwards Arrow Leftwards Of Downwards Arrow
   $ #
          \leftrightarrows
                              Leftwards Arrow Over Rightwards Arrow
278
   ≠ #
          \leftleftarrows Leftwards Paired Arrows / Left Paired Arrows
279
280 ##
          \upuparrows Upwards Paired Arrows / Up Paired Arrows
                             Rightwards Paired Arrows / Right Paired Arrows
281 ⇒ #
          \rightrightarrows
282 ₩ #
          \downdownarrows Downwards Paired Arrows / Down Paired Arrows
283 与 #
          \leftrightharpoons Leftwards Harpoon Over Rightwards Harpoon
284 ≠ #
          \rightleftharpoons Rightwards Harpoon Over Leftwards Harpoon
285 # #
          \nLeftarrow Leftwards Double Arrow With Stroke / Left Double Arrow With Stroke
                              Left Right Double Arrow With Stroke
   # #
          \nLeftrightarrow
286
287 # #
                        Rightwards Double Arrow With Stroke
          \nRightarrow
288 ← #
          \Leftarrow Leftwards Double Arrow / Left Double Arrow
289 ★ #
          \Uparrow
                     Upwards Double Arrow / Up Double Arrow
          \Rightarrow Rightwards Double Arrow / Right Double Arrow
290 ⇒ #
291 # #
          \Downarrow Downwards Double Arrow / Down Double Arrow
292 ⇔ #
          \Leftrightarrow Left Right Double Arrow
   1 #
293
          \Updownarrow
                          Up Down Double Arrow
                      North West Double Arrow / Upper Left Double Arrow
294
   K #
          \Nwarrow
295 > #
                      North East Double Arrow / Upper Right Double Arrow
          \Nearrow
296 🔰 #
                      South East Double Arrow / Lower Right Double Arrow
          \Searrow
                      South West Double Arrow / Lower Left Double Arrow
297 🕊 #
          \Swarrow
          \Lleftarrow Leftwards Triple Arrow / Left Triple Arrow
298 € #
299 ⇒ #
                         Rightwards Triple Arrow / Right Triple Arrow
300 ₩ #
          \leftsquigarrow Leftwards Squiggle Arrow / Left Squiggle Arrow
   ₩ #
                              Rightwards Squiggle Arrow / Right Squiggle Arrow
301
          \rightsquigarrow
302 # #
          \nHuparrow Upwards Arrow With Double Stroke / Up Arrow With Double Stroke
303 # #
                          Downwards Arrow With Double Stroke / Down Arrow With Double Stroke
304 + #
          \leftdasharrow Leftwards Dashed Arrow / Left Dashed Arrow
                          Upwards Dashed Arrow / Up Dashed Arrow
305 🛊 #
          \updasharrow
306 ₩ #
          \rightdasharrow Rightwards Dashed Arrow / Right Dashed Arrow
307 # #
          \downdasharrow Downwards Dashed Arrow / Down Dashed Arrow
308 ⊬ #
                          Leftwards Arrow To Bar / Left Arrow To Bar
          \barleftarrow
          \rightarrowbar Rightwards Arrow To Bar / Right Arrow To Bar
309 → #
\leftwhitearrow Leftwards White Arrow / White Left Arrow
311 仓 #
          \upwhitearrow
                        Upwards White Arrow / White Up Arrow
312 ⇒ #
                             Rightwards White Arrow / White Right Arrow
          \rightwhitearrow
313 ₺ #
          \downwhitearrow Downwards White Arrow / White Down Arrow
                                 Upwards White Arrow From Bar / White Up Arrow From Bar
314 🕯 #
          \whitearrowupfrombar
315 ↔ #
          \circleonrightarrow Right Arrow With Small Circle
316 1 #
          \DownArrowUpArrow
                              Downwards Arrow Leftwards Of Upwards Arrow
```

\rightthreearrows Three Rightwards Arrows

```
\nvleftarrow Leftwards Arrow With Vertical Stroke
318 + #
319 ↔ #
                          Rightwards Arrow With Vertical Stroke
          \nvrightarrow
320 ₩ #
          \nvleftrightarrow
                              Left Right Arrow With Vertical Stroke
321 ↔ #
                         Leftwards Arrow With Double Vertical Stroke
          \nVleftarrow
322 ₩ #
          \nVrightarrow
                         Rightwards Arrow With Double Vertical Stroke
323 ₩ #
          \nVleftrightarrow Left Right Arrow With Double Vertical Stroke
324 ← #
          \leftarrowtriangle Leftwards Open-Headed Arrow
   → #
325
          \rightarrowtriangle Rightwards Open-Headed Arrow
326 ↔ #
          \leftrightarrowtriangle Left Right Open-Headed Arrow
327 ∀ #
          \forall For All
328 C #
          \complement Complement
329 ∂ #
          \partial
                     Partial Differential
          \exists There Exists
330 ∃ #
331 ∄ #
          \nexists
                     There Does Not Exist
   Ø #
332
          \varnothing, \emptyset Empty Set
   Δ #
          \increment Increment
333
334 ₹ #
          \del, \nabla
                         Nabla
          \in Element Of
335 € #
          \notin Not An Element Of
336 ∉ #
337
   € #
          \smallin
                      Small Element Of
338 ∋ #
          \ni Contains As Member
339 ≱ #
          \nni
                  Does Not Contain As Member
                      Small Contains As Member
   ∍ #
          \smallni
340
          \QED End Of Proof
341 #
342 ∏ #
          \prod N-Ary Product
343 II #
          \coprod N-Ary Coproduct
344
   Σ #
                 N-Ary Summation
          \sum
345 - #
          \minus Minus Sign
346 ∓ #
          \mp Minus-Or-Plus Sign
347 ÷ #
          \dotplus
                      Dot Plus
348 \ #
          \setminus
                      Set Minus
349 * #
                Asterisk Operator
          \ast
350 o #
          \circ
                 Ring Operator
351 • #
          \vysmblkcircle Bullet Operator
352 √ #
          \surd, \sqrt Square Root
353 ∛ #
          \cbrt
                 Cube Root
354 ∜ #
          \fourthroot Fourth Root
355 ∝ #
          \propto Proportional To
356 ∞ #
          \infty Infinity
357 ∟ #
          \rightangle Right Angle
358 ∠ #
          \angle Angle
          \measuredangle Measured Angle
359 🗸 #
360 ∢ #
          \sphericalangle Spherical Angle
   #
          \mid
                  Divides
361
   + #
          \nmid
                  Does Not Divide
362
363 #
          \parallel Parallel To
          \nparallel Not Parallel To
364 # #
          \wedge Logical And
365 ∧ #
366 V #
          \vee
                  Logical Or
367 ∩ #
          \cap
                  Intersection
368 U #
                  Union
          \cup
   J #
          \int
369
                  Integral
\iint
                  Double Integral
         \iiint Triple Integral
```

```
\oint Contour Integral
372 ∮ #
373 ∯ #
          \oiint Surface Integral
374 ∰ #
          \oiiint Volume Integral
375 ∱ #
          \clwintegral
                         Clockwise Integral
376 ∲ #
          \varointclockwise Clockwise Contour Integral
377 ∲ #
          \ointctrclockwise
                             Anticlockwise Contour Integral
378 . #
          \therefore Therefore
   : #
379
          \because
                      Because
380 :: #
          \Colon Proportion
381 - #
          \dotminus
                     Dot Minus
          \dotsminusdots Geometric Proportion
382 ∺ #
383 ❖ #
          \kernelcontraction Homothetic
384 ~ #
                  Tilde Operator
          \sim
                     Reversed Tilde
385 - #
          \backsim
386 ∾ #
          \lazysinv
                      Inverted Lazy S
387 ∼ #
          \sinewave
                      Sine Wave
388 7 #
          \wr Wreath Product
          \nsim Not Tilde
389 ≠ #
         \eqsim Minus Tilde
390
    #
391
          \neqsim Minus Tilde + Combining Long Solidus Overlay
         \simeq Asymptotically Equal To
392 ≃ #
393 ≠ #
          \nsime Not Asymptotically Equal To
394 ≅ #
                  Approximately Equal To
          \cong
          \approxnotequal Approximately But Not Actually Equal To
395 ≆ #
          \ncong Neither Approximately Nor Actually Equal To
397 ≈ #
          \approx Almost Equal To
                     Not Almost Equal To
398 ≉ #
          \napprox
399 ≥ #
                     Almost Equal Or Equal To
          \approxeq
400 ≋ #
         \tildetrpl Triple Tilde
401 ≅ #
                      All Equal To
          \allequal
402 = #
          \asymp Equivalent To
   #
         \Bumpeq Geometrically Equivalent To
403
                      Geometrically Equivalent To + Combining Long Solidus Overlay
404
          \nBumpeq
         \bumpeq Difference Between
405
                    Difference Between + Combining Long Solidus Overlay
406
          \nbumpeq
407 ≐ #
          \doteq Approaches The Limit
\Doteq Geometrically Equal To
   = #
          \fallingdotseq Approximately Equal To Or The Image Of
409
                         Image Of Or Approximately Equal To
410 ≓ #
          \risingdotseq
411 := #
          \coloneq
                     Colon Equals / Colon Equal
412 = #
          \egcolon
                     Equals Colon / Equal Colon
413 ≖ #
          \egcirc Ring In Equal To
414 ≗ #
          \circeq Ring Equal To
415 ≘ #
         \arceq Corresponds To
416 ≜ #
          \wedgeq Estimates
417 ≚ #
          \veeeq Equiangular To
418 ≛ #
         \starequal Star Equals
419 ≜ #
          \triangleq Delta Equal To
420 def #
          \eqdef Equal To By Definition
421 = #
         \measeq Measured By
422 ≟ #
         \questeq Questioned Equal To
423 ≠ #
          \ne Not Equal To
\equiv Identical To
         \nequiv Not Identical To
```

```
\Equiv Strictly Equivalent To
426 ≡ #
427 ≤ #
         \le, \leq Less-Than Or Equal To / Less Than Or Equal To
                   Greater-Than Or Equal To / Greater Than Or Equal To
428 ≥ #
         \ge, \geq
         \legq Less-Than Over Equal To / Less Than Over Equal To
   ≦ #
         \geqq Greater-Than Over Equal To / Greater Than Over Equal To
430
        \lnegg Less-Than But Not Equal To / Less Than But Not Equal To
431
      # \lvertnegg Less-Than But Not Equal To / Less Than But Not Equal To + Variation
432
       Selector-1
        \gneqq Greater-Than But Not Equal To / Greater Than But Not Equal To
433
         \gvertnegg Greater-Than But Not Equal To
434
        \ll Much Less-Than / Much Less Than
435
     436
        \gg Much Greater-Than / Much Greater Than
437
438
     / # \NotGreaterGreater Much Greater-Than
         \between
                    Between
439
440 # #
         \nasymp Not Equivalent To
         \nless Not Less-Than / Not Less Than
441 🛊 #
                Not Greater-Than / Not Greater Than
442 🔰 #
         \ngtr
443 ≰ #
                Neither Less-Than Nor Equal To / Neither Less Than Nor Equal To
         \nleq
444 ≱ #
         \ngeq
                Neither Greater-Than Nor Equal To / Neither Greater Than Nor Equal To
445 ≲ #
                    Less-Than Or Equivalent To / Less Than Or Equivalent To
         \gtrsim Greater-Than Or Equivalent To / Greater Than Or Equivalent To
446 ≥ #
   ≴ #
447
         \nlesssim
                    Neither Less-Than Nor Equivalent To
448 ≵ #
                    Neither Greater-Than Nor Equivalent To
         \ngtrsim
449 ≤ #
         \lessgtr
                   Less-Than Or Greater-Than / Less Than Or Greater Than
450 ≥ #
         \gtrless
                  Greater-Than Or Less-Than / Greater Than Or Less Than
451 💈 #
         \notlessgreater Neither Less-Than Nor Greater-Than
         \notgreaterless Neither Greater-Than Nor Less-Than
452 🔰 #
453 < #
               Precedes
         \prec
454 > #
         \succ
                 Succeeds
455 ≤ #
         \preccurlyeq
                        Precedes Or Equal To
456 ≥ #
                        Succeeds Or Equal To
         \succcurlyeq
    #
                  Precedes Or Equivalent To
457
        \precsim
          \nprecsim Precedes Or Equivalent To + Combining Long Solidus Overlay
458
                  Succeeds Or Equivalent To
459
        \succsim
         \nsuccsim Succeeds Or Equivalent To + Combining Long Solidus Overlay
461 ≠ #
         \nprec Does Not Precede
         \nsucc Does Not Succeed
462 材 #
463 ⊂ #
         \subset Subset Of
464 > #
         \supset Superset Of
465 ≠ #
         \nsubset
                    Not A Subset Of
                    Not A Superset Of
466 ≯ #
         \nsupset
467 ⊆ #
         \subseteq
                    Subset Of Or Equal To
468 ⊇ #
         \supseteq Superset Of Or Equal To
469 ⊈ #
         \nsubseteq Neither A Subset Of Nor Equal To
470
   ⊅ #
         \nsupseteq Neither A Superset Of Nor Equal To
        \subsetneq Subset Of With Not Equal To / Subset Of Or Not Equal To
471
    #
472
         \varsubsetnegg Subset Of With Not Equal To
        \supsetneq Superset Of With Not Equal To / Superset Of Or Not Equal To
473
         \varsupsetneq Superset Of With Not Equal To
474
      #
475 ⊎ #
         \cupdot Multiset Multiplication
476 ₩ #
         \uplus Multiset Union
   #
        \sqsubset
                   Square Image Of
477
```

```
479 # \sqsupset Square Original Of
      / # \NotSquareSuperset Square Original Of + Combining Long Solidus Overlay
480
481 ⊑ #
          \sqsubseteq Square Image Of Or Equal To
482
   ⊒ #
          \sqsupseteq Square Original Of Or Equal To
483 ⊓ #
          \sqcap Square Cap
484 ⊔ #
          \sqcup Square Cup
485 ⊕ #
          \oplus Circled Plus
486 ⊖ #
          \ominus Circled Minus
487 ⊗ #
          \otimes Circled Times
488 ⊘ #
          \oslash Circled Division Slash
489 o #
                  Circled Dot Operator
          \odot
490 ⊚ #
          \circledcirc
                        Circled Ring Operator
491 * #
          \circledast Circled Asterisk Operator
492 ⊜ #
          \circledequal Circled Equals
493 ⊖ #
          \circleddash
                          Circled Dash
494 ⊞ #
          \boxplus
                     Squared Plus
495 🖪 #
          \boxminus
                      Squared Minus
          \boxtimes
                      Squared Times
496 ⋈ #
497 🖸 #
          \boxdot Squared Dot Operator
498 ⊢ #
          \vdash Right Tack
499 → #
          \dashv Left Tack
500 T #
          \top
                  Down Tack
   1 #
          \bot
                  Up Tack
501
          \models Models
502 ⊨ #
          \vDash True
503 ⊨ #
504 ⊩ #
          \Vdash Forces
505 III #
          \Vvdash Triple Vertical Bar Right Turnstile
506 ⊫ #
          \VDash Double Vertical Bar Double Right Turnstile
507 ₩ #
          \nvdash Does Not Prove
508 ⊭ #
          \nvDash Not True
509 ⊮ #
          \nVdash Does Not Force
510 ⊯ #
          \nVDash Negated Double Vertical Bar Double Right Turnstile
511 ⊰ #
          \prurel Precedes Under Relation
512 ⊱ #
          \scurel Succeeds Under Relation
513 ◁ #
          \vartriangleleft
                             Normal Subgroup Of
514 ▶ #
          \vartriangleright Contains As Normal Subgroup
515 ⊴ #
          \trianglelefteq Normal Subgroup Of Or Equal To
516 ⊵ #
          \trianglerighteq
                              Contains As Normal Subgroup Or Equal To
517 ⊶ #
          \original Original Of
518 ⊷ #
          \image Image Of
519 → #
          \multimap
                     Multimap
520 + #
          \hermitconjmatrix Hermitian Conjugate Matrix
521 T #
                      Intercalate
          \intercal
522 <u>v</u> #
          \veebar, \xor
                          Xor
523 ⊼ #
          \barwedge
                      Nand
524 V #
          \barvee Nor
525 ⊾ #
          \rightanglearc Right Angle With Arc
526 ⊿ #
          \varlrtriangle Right Triangle
527 Λ #
          \bigwedge N-Ary Logical And
528 V #
          \bigvee N-Ary Logical Or
529 ∩ #
          \bigcap N-Ary Intersection
530 U #
          \bigcup N-Ary Union
531 ♦ #
          \diamond
                      Diamond Operator
532 • #
         \cdot Dot Operator
```

```
533 ★ #
         \star Star Operator
534 * #
          \divideontimes Division Times
535 ⋈ #
          \bowtie Bowtie
536 ⋉ #
          \ltimes Left Normal Factor Semidirect Product
537 × #
          \rtimes Right Normal Factor Semidirect Product
538 ⋋ #
          \leftthreetimes Left Semidirect Product
539 🗶 #
                              Right Semidirect Product
          \rightthreetimes
540 = #
          \backsimeq Reversed Tilde Equals
541 Y #
                     Curly Logical Or
          \curlyvee
542 人 #
          \curlywedge Curly Logical And
          \Subset Double Subset
543 € #
544 ∋ #
          \Supset Double Superset
545 ⋒ #
                  Double Intersection
546 U #
          \Cup
                  Double Union
547 ₼ #
          \pitchfork Pitchfork
548 # #
          \equalparallel Equal And Parallel To
549 < #
                    Less-Than With Dot / Less Than With Dot
          \lessdot
          \gtrdot Greater-Than With Dot / Greater Than With Dot
550 > #
                        Very Much Less-Than / Very Much Less Than
551 « #
          \verymuchless
552 » #
                 Very Much Greater-Than / Very Much Greater Than
553 € #
          \lesseggtr Less-Than Equal To Or Greater-Than / Less Than Equal To Or Greater Than
          \gtreqless Greater-Than Equal To Or Less-Than / Greater Than Equal To Or Less Than
554 ⋛ #
555 < #
          \eqless Equal To Or Less-Than / Equal To Or Less Than
556 > #
          \eqgtr Equal To Or Greater-Than / Equal To Or Greater Than
557 ₹ #
                         Equal To Or Precedes
          \curlyeqprec
558 ≥ #
          \curlyeqsucc
                         Equal To Or Succeeds
559 ≰ #
          \npreccurlyeq Does Not Precede Or Equal
560 ≱ #
          \nsucccurlyeq
                         Does Not Succeed Or Equal
561 ⊈ #
                         Not Square Image Of Or Equal To
          \nsqsubseteq
562 ⊉ #
                         Not Square Original Of Or Equal To
          \nsqsupseteq
                         Square Image Of Or Not Equal To
563 ⋤ #
          \sqsubsetneq
564 📮 #
          \sqspne Square Original Of Or Not Equal To
          \lnsim Less-Than But Not Equivalent To / Less Than But Not Equivalent To
\gnsim Greater-Than But Not Equivalent To / Greater Than But Not Equivalent To
566 ≩ #
567 ≱ #
          \precnsim
                    Precedes But Not Equivalent To
568 ≩ #
                     Succeeds But Not Equivalent To
          \succnsim
569 ⋪ #
          \ntriangleleft Not Normal Subgroup Of
570 ⋫ #
          \ntriangleright Does Not Contain As Normal Subgroup
571 ₫ #
          \ntrianglelefteq Not Normal Subgroup Of Or Equal To
572 💆 #
                            Does Not Contain As Normal Subgroup Or Equal
          \ntrianglerighteq
          \vdots Vertical Ellipsis
573
   #
574 ... #
          \cdots Midline Horizontal Ellipsis
575 . #
          \adots Up Right Diagonal Ellipsis
   • #
          \ddots Down Right Diagonal Ellipsis
576
577 ← #
          \disin Element Of With Long Horizontal Stroke
Element Of With Vertical Bar At End Of Horizontal Stroke
          \varisins
579 € #
          \isins    Small Element Of With Vertical Bar At End Of Horizontal Stroke
580 ⋵ #
                    Element Of With Dot Above
          \isindot
                        Element Of With Overbar
581 € #
          \varisinobar
582 € #
                     Small Element Of With Overbar
          \isinobar
          \isinvb Element Of With Underbar
583 € #
584 € #
          \isinE Element Of With Two Horizontal Strokes
585 → #
          \nisd Contains With Long Horizontal Stroke
         \varnis Contains With Vertical Bar At End Of Horizontal Stroke
```

```
\nis Small Contains With Vertical Bar At End Of Horizontal Stroke
587 Þ #
588 ⋽ #
          \varniobar Contains With Overbar
589 ⋽ #
          \niobar Small Contains With Overbar
          \bagmember Z Notation Bag Membership
590 E #
591 Ø #
          \diameter Diameter Sign
592 △ #
          \house House
593 - #
          \varbarwedge
                          Projective
594
   ₹ #
          \vardoublebarwedge Perspective
595 「#
          \lceil Left Ceiling
596 1 #
          \rceil Right Ceiling
597 L #
          \lfloor Left Floor
   ] #
          \rfloor Right Floor
598
599 - #
          \invnot Reversed Not Sign
600 □ #
          \sqlozenge Square Lozenge
   ~ #
          \profline
                      Arc
601
602 - #
          \profsurf
                      Segment
603 ø #
                      Telephone Recorder
          \recorder
604 # #
                      Viewdata Square
          \viewdata
          \turnednot Turned Not Sign
605 ∟ #
606 5 #
          \:watch:
                      Watch
607 🖁 #
          \:hourglass: Hourglass
   г #
          \ulcorner
                      Top Left Corner
608
    7 #
609
          \urcorner
                      Top Right Corner
610 _ #
                      Bottom Left Corner
          \llcorner
611 , #
          \lrcorner
                      Bottom Right Corner
612 ~ #
          \frown Frown
   ~ #
          \smile Smile
613
614 0 #
          \varhexagonlrbonds Benzene Ring
615 ▶ #
          \conictaper Conical Taper
616 I #
          \topbot Apl Functional Symbol I-Beam
617
   Φ #
          \obar
                 Apl Functional Symbol Circle Stile
618 #
                    Apl Functional Symbol Slash Bar
          \notslash
619 + #
                        Apl Functional Symbol Backslash Bar
          \notbackslash
620 🖪 #
          \boxupcaret Apl Functional Symbol Quad Up Caret
621 ? #
                        Apl Functional Symbol Quad Question
          \boxquestion
622 o #
                    Software-Function Symbol
   #
          \dlcorn Left Square Bracket Lower Corner
623
   J #
          \lmoustache Upper Left Or Lower Right Curly Bracket Section
624
625 1 #
          \rmoustache Upper Right Or Lower Left Curly Bracket Section
   - #
626
          \overbracket
                          Top Square Bracket
   _ #
          \underbracket Bottom Square Bracket
627
628 ⊨ #
          \bbrktbrk Bottom Square Bracket Over Top Square Bracket
629 √ #
          \sqrtbottom Radical Symbol Bottom
          \lvboxline Left Vertical Box Line
630
    #
          \rvboxline Right Vertical Box Line
631
          \varcarriagereturn Return Symbol
632
   ₽ #
    _ #
          \overbrace Top Curly Bracket
633
    ~ #
634
          \underbrace Bottom Curly Bracket
635 □ #
          \trapezium White Trapezium
636 © #
          \benzenr
                     Benzene Ring With Circle
637
   - #
          \strns Straightness
638 🗷 #
          \fltns Flatness
          \accurrent Ac Current
```

```
\elinters Electrical Intersection
640 * #
   ₩ #
          \:fast_forward: Black Right-Pointing Double Triangle
641
642 ##
                     Black Left-Pointing Double Triangle
643
   * #
          \:arrow_double_up: Black Up-Pointing Double Triangle
644 ₹ #
          \:arrow_double_down:
                                 Black Down-Pointing Double Triangle
645 🔯 #
          \:alarm_clock: Alarm Clock
   X #
          \:hourglass_flowing_sand:
                                     Hourglass With Flowing Sand
646
647
    b #
          \blanksymbol
                         Blank Symbol / Blank
   _ #
          \visiblespace
                         Open Box
648
649 m #
                 Circled Latin Capital Letter M
          \circledS Circled Latin Capital Letter S
   s #
650
          \dshfnc Box Drawings Light Triple Dash Vertical / Forms Light Triple Dash Vertical
651
          \sqfnw Box Drawings Up Light And Left Heavy / Forms Up Light And Left Heavy
652
          \diagup Box Drawings Light Diagonal Upper Right To Lower Left / Forms Light
653
       Diagonal Upper Right To Lower Left
         \diagdown Box Drawings Light Diagonal Upper Left To Lower Right / Forms Light
654
       Diagonal Upper Left To Lower Right
        \blockuphalf Upper Half Block
655
         \blocklowhalf Lower Half Block
657
          \blockfull Full Block
658
          \blocklefthalf Left Half Block
          \blockrighthalf Right Half Block
659
660
          \blockgtrshaded Light Shade
          \blockhalfshaded Medium Shade
661
    #
          662
   #
          \blacksquare
                         Black Square
663
664 🗆 #
          \square White Square
665 🗆 #
          \squoval
                     White Square With Rounded Corners
666 ■ #
          \blackinwhitesquare White Square Containing Black Small Square
                         Square With Horizontal Fill
667
   ■ #
          \squarehfill
668 🔳 #
          \squarevfill
                         Square With Vertical Fill
                         Square With Orthogonal Crosshatch Fill
669 ##
          \squarehvfill
   ■ #
          \squarenwsefill Square With Upper Left To Lower Right Fill
670
671 #
          \squareneswfill Square With Upper Right To Lower Left Fill
672 #
                             Square With Diagonal Crosshatch Fill
          \squarecrossfill
673 #
          \smblksquare, \:black_small_square: Black Small Square
          \smwhtsquare, \:white_small_square: White Small Square
674 🗖 #
675 - #
          \hrectangleblack
                             Black Rectangle
676 - #
          \hrectangle White Rectangle
    #
          \vrectangleblack
                              Black Vertical Rectangle
677
    0 #
          \vrecto White Vertical Rectangle
678
679 - #
          \parallelogramblack Black Parallelogram
680 #
          \parallelogram White Parallelogram
          \bigblacktriangleup Black Up-Pointing Triangle / Black Up Pointing Triangle
681 🔺 #
   Δ #
          \bigtriangleup White Up-Pointing Triangle / White Up Pointing Triangle
682
683 🔺 #
          \blacktriangle Black Up-Pointing Small Triangle / Black Up Pointing Small Triangle
                         White Up-Pointing Small Triangle / White Up Pointing Small Triangle
684 △ #
          \vartriangle
   > #
          \blacktriangleright, \:arrow_forward:
                                                 Black Right-Pointing Triangle / Black Right
685
        Pointing Triangle
686 ⊳ #
          \triangleright White Right-Pointing Triangle / White Right Pointing Triangle
```

```
\smalltriangleright White Right-Pointing Small Triangle
688 ▶ #
689 ► #
          \blackpointerright Black Right-Pointing Pointer / Black Right Pointing Pointer
690 ⊳ #
          \whitepointerright White Right-Pointing Pointer / White Right Pointing Pointer
691 ▼ #
          692 ♥ #
          \bigtriangledown White Down-Pointing Triangle / White Down Pointing Triangle
         \blacktriangledown Black Down-Pointing Small Triangle / Black Down Pointing Small
       Triangle
694
   ∨ #
          \triangledown
                         White Down-Pointing Small Triangle
   ■ #
          \blacktriangleleft, \:arrow_backward: Black Left-Pointing Triangle / Black Left
695
       Pointing Triangle
          \triangleleft
                         White Left-Pointing Triangle / White Left Pointing Triangle
696
   \smallblacktriangleleft Black Left-Pointing Small Triangle
697
698 ⊲ #
         \smalltriangleleft White Left-Pointing Small Triangle / White Left Pointing Small
       Triangle
   ■ #
          \blackpointerleft
                             Black Left-Pointing Pointer / Black Left Pointing Pointer
699
700 ⊲ #
          \whitepointerleft
                             White Left-Pointing Pointer / White Left Pointing Pointer
701 ◆ #
          \mdlgblkdiamond Black Diamond
         \mdlgwhtdiamond White Diamond
702 💠 #
703 ♦ #
                              White Diamond Containing Black Small Diamond
          \blackinwhitediamond
704 • #
         \fisheye
                     Fisheve
705 🔷 #
         \lozenge
                     Lozenge
706 O #
         \bigcirc
                     White Circle
707 0 #
                         Dotted Circle
          \dottedcircle
          \circlevertfill Circle With Vertical Fill
708  #
709 💿 #
          \bullseye
                     Bullseye
710 • #
          \mdlgblkcircle Black Circle
          \cirfl Circle With Left Half Black
711 ● #
712 • #
          \cirfr Circle With Right Half Black
\cirfb Circle With Lower Half Black
714 • #
          \circletophalfblack Circle With Upper Half Black
715 🐧 #
          \circleurquadblack Circle With Upper Right Quadrant Black
716 • #
          \blackcircleulquadwhite Circle With All But Upper Left Quadrant Black
717 (#
         \blacklefthalfcircle
                                Left Half Black Circle
718 • #
         \blackrighthalfcircle Right Half Black Circle
719 • #
          \rvbull Inverse Bullet
720 0 #
         \inversewhitecircle Inverse White Circle
721 💆 #
         \invwhiteupperhalfcircle Upper Half Inverse White Circle
   U #
                                    Lower Half Inverse White Circle
          \invwhitelowerhalfcircle
722
   r #
723
          \ularc Upper Left Quadrant Circular Arc
724 \ #
          \urarc Upper Right Quadrant Circular Arc
725 / #
          \lrarc Lower Right Quadrant Circular Arc
          \llarc Lower Left Quadrant Circular Arc
726
727 ^ #
          \topsemicircle Upper Half Circle
728 🔾 #
         \botsemicircle Lower Half Circle
729 🔺 #
                             Black Lower Right Triangle
          \lrblacktriangle
730 🕨 #
          \llblacktriangle
                             Black Lower Left Triangle
731 🖊 #
          \ulblacktriangle
                             Black Upper Left Triangle
         \urblacktriangle
732 🔻 #
                             Black Upper Right Triangle
733 • #
          \smwhtcircle
                        White Bullet
734 ■ #
                 Square With Left Half Black
          \sqfl
735 🔳 #
                 Square With Right Half Black
         \squareulblack Square With Upper Left Diagonal Half Black
736 🗷 #
737 🗷 #
          \sqfse Square With Lower Right Diagonal Half Black
738 🔳 #
         \boxbar White Square With Vertical Bisecting Line
```

```
\trianglecdot White Up-Pointing Triangle With Dot
739 A #
740 ▲ #
          741 A #
          \trianglerightblack Up-Pointing Triangle With Right Half Black
742 0 #
                          Large Circle
          \lgwhtcircle
743 🖭 #
          \squareulquad
                          White Square With Upper Left Quadrant
744 🗊 #
          \squarellquad
                          White Square With Lower Left Quadrant
          \squarelrquad
745 🖪 #
                          White Square With Lower Right Quadrant
746 🖪 #
          \squareurquad
                          White Square With Upper Right Quadrant
747 🗈 #
          \circleulquad
                          White Circle With Upper Left Quadrant
748 • #
          \circlellquad
                          White Circle With Lower Left Quadrant
White Circle With Lower Right Quadrant
          \circlelrquad
750 O #
          \circleurguad
                         White Circle With Upper Right Quadrant
751 P#
          \ultriangle Upper Left Triangle
752 \(\pi\) #
          \urtriangle Upper Right Triangle
753 ⊾ #
          \lltriangle Lower Left Triangle
754 🗆 #
          \mdwhtsquare, \:white_medium_square:
                                                  White Medium Square
          \mdblksquare, \:black_medium_square: Black Medium Square
755 ■ #
          \mdsmwhtsquare, \:white_medium_small_square: White Medium Small Square
\mdsmblksquare, \:black_medium_small_square: Black Medium Small Square
756 🗆 #
757 = #
758 ⊿ #
          \lrtriangle Lower Right Triangle
759 • #
          \:sunny:
                     Black Sun With Rays
760 • #
          \:cloud:
                      Cloud
761 ★ #
                      Black Star
          \bigstar
762 ☆ #
          \bigwhitestar White Star
763 • #
          \astrosun Sun
764 🖀 #
          \:phone:
                     Black Telephone
765 ☑ #
          \:ballot_box_with_check:
                                      Ballot Box With Check
766 🕴 #
          \:umbrella: Umbrella With Rain Drops
767 🖶 #
          \:coffee:
                    Hot Beverage
768 🖢 #
          \:point_up: White Up Pointing Index
769 Z #
          \danger Caution Sign
770 ⊕ #
          \:relaxed: White Smiling Face
771 • #
          \blacksmiley
                         Black Smiling Face
                White Sun With Rays
772 • #
          \sun
          \rightmoon First Quarter Moon
773 ) #
774 (#
          \leftmoon Last Quarter Moon
775 \ \ \ #
          \mercury
                      Mercury
          \venus, \female Female Sign
   Q #
776
   ♂ #
          \male, \mars
                       Male Sign
777
778 24 #
          \jupiter
                      Jupiter
779 ħ #
          \saturn Saturn
780 ₩ #
          \uranus Uranus
781 Ψ #
          \neptune Neptune
782 P #
          \pluto Pluto
783 Y #
          \aries, \:aries:
                              Aries
          \taurus, \:taurus:
784 ¥ #
                              Taurus
785 II #
          \gemini, \:gemini: Gemini
          \cancer, \:cancer:
786 5 #
                              Cancer
787 ຄ #
          \leo, \:leo: Leo
788 m #
          \virgo, \:virgo:
                              Virgo
789 <u>a</u> #
          \libra, \:libra:
                              Libra
790 m, #
          \scorpio, \:scorpius: Scorpius
791 / #
          \sagittarius, \:sagittarius:
                                        Sagittarius
         \capricornus, \:capricorn: Capricorn
792 % #
```

```
\aquarius, \:aquarius: Aquarius
793 - #
794 <del>X</del> #
          \pisces, \:pisces: Pisces
          \spadesuit, \:spades:
795 💠 #
                                 Black Spade Suit
          \heartsuit White Heart Suit
796 ♥ #
797 ♦ #
          \diamondsuit
                          White Diamond Suit
798 💠 #
          \clubsuit, \:clubs: Black Club Suit
799 🗘 #
          \varspadesuit
                         White Spade Suit
   * #
          \varheartsuit, \:hearts:
800
                                       Black Heart Suit
801 • #
          \vardiamondsuit, \:diamonds:
                                          Black Diamond Suit
802 & #
          \varclubsuit
                          White Club Suit
803 🗶 #
          \:hotsprings:
                          Hot Springs
          \quarternote
804 🕹 #
                          Ouarter Note
805 🕽 #
          \eighthnote Eighth Note
806 #
          \twonotes
                    Beamed Eighth Notes / Barred Eighth Notes
807  #
          \flat Music Flat Sign / Flat
   #
                      Music Natural Sign / Natural
808
          \natural
809 # #
          \sharp Music Sharp Sign / Sharp
          \:recycle: Black Universal Recycling Symbol
810 4 #
811 ⊗ #
          \acidfree
                      Permanent Paper Sign
812 년 #
          \:wheelchair: Wheelchair Symbol
813 🖸 #
          \dicei Die Face-1
814 🖸 #
          \diceii Die Face-2
815 🖸 #
          \diceiii
                      Die Face-3
816 🖽 #
          \diceiv Die Face-4
817 ⊠ #
          \dicev Die Face-5
818 🎟 #
          \dicevi Die Face-6
819 0 #
          \circledrightdot
                              White Circle With Dot Right
820 ⊙ #
          \circledtwodots White Circle With Two Dots
821 • #
          \blackcircledrightdot Black Circle With White Dot Right
822 • #
          \blackcircledtwodots
                                  Black Circle With Two White Dots
823 💃 #
          \:anchor:
                      Anchor
824 🛕 #
          \:warning: Warning Sign
          \:zap: High Voltage Sign
825 🗲 #
826 द #
          \hermaphrodite Male And Female Sign
827 O #
          \mdwhtcircle, \:white_circle: Medium White Circle
828 • #
          \mdblkcircle, \:black_circle:
                                           Medium Black Circle
829 0 #
          \mdsmwhtcircle Medium Small White Circle
830 P #
          \neuter Neuter
831 <code-block></code>
          \:soccer:
                      Soccer Ball
832 🚳 #
          \:baseball: Baseball
833 🐧 #
          \:snowman: Snowman Without Snow
834 🏺 #
          \:partly_sunny: Sun Behind Cloud
835 t #
          \:ophiuchus:
                         Ophiuchus
836 • #
          \:no_entry: No Entry
837 🖼 #
          \:church:
                      Church
838 🏗 #
          \:fountain: Fountain
839 🗼 #
          \:golf: Flag In Hole
840 🛦 #
          \:boat: Sailboat
841 🗼 #
          \:tent: Tent
842 🖺 #
          \:fuelpump: Fuel Pump
843 🛰 #
          \:scissors: Black Scissors
844 🗳 #
          \:white_check_mark: White Heavy Check Mark
845 + #
          \:airplane: Airplane
846 🗷 #
```

\:email: Envelope

```
\:fist: Raised Fist
847 💆 #
848 🕑 #
          \:hand: Raised Hand
849 # #
          \: \:
                  Victory Hand
850 ⇔ #
          \:pencil2: Pencil
851 🐧 #
          \:black_nib:
                         Black Nib
852 🗸 #
          \checkmark Check Mark
853 🗸 #
          \:heavy_check_mark: Heavy Check Mark
854 * #
          \:heavy_multiplication_x:
                                     Heavy Multiplication X
855 🕦 #
                    Maltese Cross
          \maltese
856 🗱 #
          \:sparkles: Sparkles
857 • #
                         Circled White Star
          \circledstar
858 * #
          \:eight_spoked_asterisk: Eight Spoked Asterisk
859 * #
          \:eight_pointed_black_star: Eight Pointed Black Star
860 * #
                      Six Pointed Black Star
          \varstar
861 * #
          \dingasterisk
                          Heavy Teardrop-Spoked Asterisk
862 # #
          \:snowflake:
                          Snowflake
863 * #
          \:sparkle: Sparkle
864 * #
          \:X:
                  Cross Mark
865 🗷 #
          \:negative_squared_cross_mark: Negative Squared Cross Mark
866
   ? #
          \:question: Black Question Mark Ornament
867 2 #
          \:grey_question:
                              White Question Mark Ornament
868 #
          \:grey_exclamation: White Exclamation Mark Ornament
    #
          \:exclamation: Heavy Exclamation Mark Symbol
869
870 • #
          \:heart:
                     Heavy Black Heart
871 + #
          \:heavy_plus_sign: Heavy Plus Sign
872 - #
          \:heavy_minus_sign: Heavy Minus Sign
873 ÷ #
          \:heavy_division_sign: Heavy Division Sign
874 → #
          \draftingarrow Drafting Point Rightwards Arrow / Drafting Point Right Arrow
875 → #
          \:arrow_right: Black Rightwards Arrow / Black Right Arrow
876 8 #
          \:curly_loop: Curly Loop
877 😿 #
          \:loop: Double Curly Loop
878 ∠ #
          \threedangle
                         Three Dimensional Angle
879 🛦 #
          \whiteinwhitetriangle White Triangle Containing Small White Triangle
880 ⊥ #
          \perp
                Perpendicular
881 vc #
          \bsolhsub Reverse Solidus Preceding Subset
882 >/ #
          \suphsol
                      Superset Preceding Solidus
883 A #
                      And With Dot
          \wedgedot
   Ψ#
          \upin Element Of Opening Upwards
884
885 ⋈ #
          \leftouterjoin Left Outer Join
886 ⋈ #
          \rightouterjoin Right Outer Join
887 ∞ #
          \fullouterjoin Full Outer Join
888 1 #
          \bigbot Large Up Tack
889 T #
          \bigtop Large Down Tack
   #
                                          Mathematical Left White Square Bracket
          \llbracket, \openbracketleft
890
   #
          \openbracketright, \rrbracket
891
                                         Mathematical Right White Square Bracket
892
    ( #
          \langle Mathematical Left Angle Bracket
893 } #
          \rangle Mathematical Right Angle Bracket
894 1 #
          \UUparrow Upwards Quadruple Arrow
895 ##
          \DDownarrow Downwards Quadruple Arrow
896 ← #
          \longleftarrow Long Leftwards Arrow
897 → #
          \longrightarrow Long Rightwards Arrow
898 ↔ #
          \longleftrightarrow Long Left Right Arrow
899 ← #
          \impliedby, \Longleftarrow Long Leftwards Double Arrow
900 ⇒ #
          \implies, \Longrightarrow Long Rightwards Double Arrow
```

```
\Longleftrightarrow, \iff Long Left Right Double Arrow
901 ⇔ #
902 ← #
         \longmapsfrom Long Leftwards Arrow From Bar
903 → #
         \longmapsto Long Rightwards Arrow From Bar
904 ##
         \Longmapsfrom Long Leftwards Double Arrow From Bar
905 ⇒ #
         \Longmapsto Long Rightwards Double Arrow From Bar
906 - #
         907 + #
                                Rightwards Two-Headed Arrow With Vertical Stroke
         \nvtwoheadrightarrow
   ₩ #
908
         \nVtwoheadrightarrow
                                Rightwards Two-Headed Arrow With Double Vertical Stroke
909 ##
                       Leftwards Double Arrow With Vertical Stroke
         \nvLeftarrow
910 #> #
         \nvRightarrow
                        Rightwards Double Arrow With Vertical Stroke
911 # #
         912 ₩ #
         \twoheadmapsto Rightwards Two-Headed Arrow From Bar
\Mapsfrom
                   Leftwards Double Arrow From Bar
914 ⇒ #
         \Mapsto Rightwards Double Arrow From Bar
   # #
         \downarrowbarred
                            Downwards Arrow With Horizontal Stroke
915
916 ‡ #
         \uparrowbarred Upwards Arrow With Horizontal Stroke
917 👚 #
         \Uuparrow Upwards Triple Arrow
918 ##
         \Ddownarrow Downwards Triple Arrow
919 ← #
         920 → #
         \bkarow Rightwards Double Dash Arrow
921 ← #
         \leftdbkarrow Leftwards Triple Dash Arrow
922 → #
         \dbkarow
                    Rightwards Triple Dash Arrow
   » #
         \drbkarrow Rightwards Two-Headed Triple Dash Arrow
923
924 → #
         \rightdotarrow Rightwards Arrow With Dotted Stem
\UpArrowBar Upwards Arrow To Bar
926 ↓ #
         \DownArrowBar
                       Downwards Arrow To Bar
927 → #
         \nvrightarrowtail
                            Rightwards Arrow With Tail With Vertical Stroke
928 > #
         \nVrightarrowtail
                            Rightwards Arrow With Tail With Double Vertical Stroke
929 > #
         \twoheadrightarrowtail Rightwards Two-Headed Arrow With Tail
930 ** #
         \nvtwoheadrightarrowtail
                                    Rightwards Two-Headed Arrow With Tail With Vert. Stroke
931
   » #
         \nVtwoheadrightarrowtail
                                    Rightwards 2-Headed Arrow w/ Tail, Double Vert. Stroke
932 ← #
         \diamondleftarrow Leftwards Arrow To Black Diamond
933 → #
         \rightarrowdiamond Rightwards Arrow To Black Diamond
934 ↔ #
         \diamondleftarrowbar
                                Leftwards Arrow From Bar To Black Diamond
935 ₩ #
                                Rightwards Arrow From Bar To Black Diamond
         \barrightarrowdiamond
936 💃 #
         \hksearow
                    South East Arrow With Hook
937 2 #
         \hkswarow
                     South West Arrow With Hook
   ₩ #
         \tona
                North West Arrow And North East Arrow
938
939 🗶 #
                 North East Arrow And South East Arrow
         \toea
940 🗶 #
         \tosa
                 South East Arrow And South West Arrow
941 🗴 #
         \towa
                 South West Arrow And North West Arrow
942 × #
         \rdiagovfdiag
                        Rising Diagonal Crossing Falling Diagonal
943 × #
         \fdiagovrdiag
                        Falling Diagonal Crossing Rising Diagonal
944 🔀 #
         \seovnearrow
                        South East Arrow Crossing North East Arrow
945 💥 #
                        North East Arrow Crossing South East Arrow
         \neovsearrow
946 🗶 #
         \fdiagovnearrow Falling Diagonal Crossing North East Arrow
947 × #
         \rdiagovsearrow Rising Diagonal Crossing South East Arrow
948 🔀 #
         \neovnwarrow
                        North East Arrow Crossing North West Arrow
949 🔀 #
         \nwovnearrow
                        North West Arrow Crossing North East Arrow
950 → #
         \:arrow_heading_up: Arrow Pointing Rightwards Then Curving Upwards
951 → #
                              Arrow Pointing Rightwards Then Curving Downwards
         \:arrow_heading_down:
952 ≠ #
         \Rlarr Rightwards Arrow Above Short Leftwards Arrow
\rLarr Short Rightwards Arrow Above Leftwards Arrow
954 → #
         \rightarrowplus Rightwards Arrow With Plus Below
```

```
\leftarrowplus Leftwards Arrow With Plus Below
955 ← #
956 ₩ #
          \rarrx Rightwards Arrow Through X
957
    ₩ #
          \leftrightarrowcircle
                                  Left Right Arrow Through Small Circle
958 🕏 #
          \twoheaduparrowcircle
                                 Upwards Two-Headed Arrow From Small Circle
959 + #
          \leftrightharpoonupdown Left Barb Up Right Barb Down Harpoon
    → #
          \leftrightharpoondownup Left Barb Down Right Barb Up Harpoon
960
    1 #
          \updownharpoonrightleft Up Barb Right Down Barb Left Harpoon
961
962
    1 #
          \updownharpoonleftright Up Barb Left Down Barb Right Harpoon
    △ #
                              Left Barb Up Right Barb Up Harpoon
963
          \LeftRightVector
    #
          \RightUpDownVector Up Barb Right Down Barb Right Harpoon
964
    · #
          \DownLeftRightVector
                                 Left Barb Down Right Barb Down Harpoon
965
    1 #
          \LeftUpDownVector
                             Up Barb Left Down Barb Left Harpoon
966
967 ⊬ #
          \LeftVectorBar Leftwards Harpoon With Barb Up To Bar
968 - #
          \RightVectorBar Rightwards Harpoon With Barb Up To Bar
    T #
          \RightUpVectorBar
                              Upwards Harpoon With Barb Right To Bar
969
    ] #
           \RightDownVectorBar Downwards Harpoon With Barb Right To Bar
970
971 ⊢ #
          → #
972
          \DownRightVectorBar Rightwards Harpoon With Barb Down To Bar
    1 #
973
          \LeftUpVectorBar
                              Upwards Harpoon With Barb Left To Bar
974
    1 #
          \LeftDownVectorBar Downwards Harpoon With Barb Left To Bar
    4 #
          \LeftTeeVector Leftwards Harpoon With Barb Up From Bar
975
    - #
          \RightTeeVector Rightwards Harpoon With Barb Up From Bar
976
    1 #
977
          \RightUpTeeVector
                              Upwards Harpoon With Barb Right From Bar
    T #
978
          \RightDownTeeVector Downwards Harpoon With Barb Right From Bar
979
    ₩ #
          980 ₩ #
          \DownRightTeeVector Rightwards Harpoon With Barb Down From Bar
    1 #
          \LeftUpTeeVector
                              Upwards Harpoon With Barb Left From Bar
981
982 1 #
          \LeftDownTeeVector Downwards Harpoon With Barb Left From Bar
983 ← #
          ∖leftharpoonsupdown Leftwards Harpoon w/ Barb Up, Leftwards Harpoon w/ Barb Down
    1 #
                                  Upwards Harpoon w/ Barb Left, Upwards Harpoon w/ Barb Right
984
          \upharpoonsleftright
985
    ⇒ #
           \rightharpoonsupdown
                                  Rightwards Harpoon w/ Barb Up, Rightwards Harpoon Barb Down
986 # #
          \downharpoonsleftright Downwards Harpoon w/ Barb Left, Downwards Harpoon Barb
        Right
    = #
           \leftrightharpoonsup
                                  Leftwards Harpoon w/ Barb Up, Rightwards Harpoon w/ Barb Up
987
    ⇒ #
988
          \leftrightharpoonsdown
                                  Leftwards Harpoon Barb Down, Rightwards Harpoon Barb Down
    ≠ #
                                  Rightwards Harpoon Barb Up, Leftwards Harpoon With Barb Up
989
          \rightleftharpoonsup
    = #
          \rightleftharpoonsdown Rightwards Harpoon Barb Down, Leftwards Harpoon Barb Down
990
    = #
          \leftharpoonupdash Leftwards Harpoon With Barb Up Above Long Dash
991
992 = #
          \dashleftharpoondown
                                  Leftwards Harpoon With Barb Down Below Long Dash
993 = #
          \rightharpoonupdash Rightwards Harpoon With Barb Up Above Long Dash
994 = #
           ackslashdashrightharpoondown ackslash Rightwards Harpoon With Barb Down Below Long Dash
          \UpEquilibrium Upwards Harpoon With Barb Left, Downwards Harpoon With Barb Right
995 1 #
996 ##
          \ReverseUpEquilibrium
                                  Downwards Harpoon With Barb Left, Upwards Harpoon Barb
        Right
997 - #
                          Right Double Arrow With Rounded Head
          \RoundImplies
998
    #
           \Vvert Triple Vertical Bar Delimiter
    ) #
                      Right White Parenthesis
          \Elroang
999
    #
          \ddfnc Dotted Fence
1000
1001 🔺 #
          \measuredangleleft Measured Angle Opening Left
1002 ⊾ #
          \Angle Right Angle Variant With Square
1003 ⊾ #
          \rightanglemdot Measured Right Angle With Dot
1004 ∠ #
          \angles Angle With S Inside
    ∠ #
          \angdnr Acute Angle
1005
1006 ▶ #
          \lpargt Spherical Angle Opening Left
```

```
1007 ♥ #
1008 7 #
          \turnangle Turned Angle
1009 🔺 #
           \revangle
                     Reversed Angle
\angleubar Angle With Underbar
1011 ≥ #
                          Reversed Angle With Underbar
           \revangleubar
1012 ∟ #
          \wideangledown Oblique Angle Opening Up
1013 / #
                          Oblique Angle Opening Down
          \wideangleup
1014 🚜 #
                              Measured Angle With Open Arm Ending In Arrow Up And Right
           \measanglerutone
1015 🔈 #
                              Measured Angle With Open Arm Ending In Arrow Up And Left
          \measanglelutonw
1016 🛂 #
          \measanglerdtose
                              Measured Angle With Open Arm Ending In Arrow Down And Right
                              Measured Angle With Open Arm Ending In Arrow Down And Left
1017 💆 #
           \measangleldtosw
1018 ₩ #
                              Measured Angle With Open Arm Ending In Arrow Right And Up
          \measangleurtone
                              Measured Angle With Open Arm Ending In Arrow Left And Up
1019 ₹ #
          \measangleultonw
1020 🔈 #
          \measangledrtose
                              Measured Angle With Open Arm Ending In Arrow Right And Down
1021 🗚 #
           \measangledltosw
                              Measured Angle With Open Arm Ending In Arrow Left And Down
1022 ⋈ #
                          Reversed Empty Set
           \revemptyset
Empty Set With Overbar
          \emptysetobar
1024 Ø #
           \emptysetocirc Empty Set With Small Circle Above
                          Empty Set With Right Arrow Above
1025 Ø #
           \emptysetoarr
1026 Ø #
           \emptysetoarrl Empty Set With Left Arrow Above
1027 m #
                              Circled Parallel
          \circledparallel
1028 ⊘ #
          \obslash
                      Circled Reverse Solidus
1029 ⊗ #
          \odotslashdot
                          Circled Anticlockwise-Rotated Division Sign
1030 ⊚ #
           \circledwhitebullet Circled White Bullet
1031 • #
           \circledbullet Circled Bullet
1032 ⊗ #
           \olessthan Circled Less-Than
           \ogreaterthan Circled Greater-Than
1033 ⊗ #
1034 ☑ #
                      Squared Rising Diagonal Slash
          \boxdiag
1035 □ #
          \boxbslash Squared Falling Diagonal Slash
          \boxast Squared Asterisk
1036 🕸 #
1037 💿 #
           \boxcircle Squared Small Circle
1038 Å #
                  Triangle With Dot Above
1039 △ #
          \defas Triangle With Underbar
         \LeftTriangleBar
                            Left Triangle Beside Vertical Bar
     #
1040
       / # \NotLeftTriangleBar Left Triangle Beside Vertical Bar + Combining Long Solidus
1041
        Overlay / Non-Spacing Long Slash Overlay
         \RightTriangleBar Vertical Bar Beside Right Triangle
1042
      / # \NotRightTriangleBar
                                   Vertical Bar Beside Right Triangle, Combining Long Solidus
1043
1044 ∞ #
           \dualmap
                      Double-Ended Multimap
1045 👱 #
           \lrtriangleeq
                          Increases As
                      Shuffle Product
1046 ш#
           \shuffle
1047 # #
           \eparsl Equals Sign And Slanted Parallel
1048 # #
          \smeparsl Equals Sign And Slanted Parallel With Tilde Above
1049 # #
          \eqvparsl Identical To And Slanted Parallel
1050 ♦ #
                          Black Lozenge
          \blacklozenge
1051 → #
           \RuleDelaved
                          Rule-Delaved
1052 7 #
                  Solidus With Overbar
          \dsol
1053 + #
           \rsolbar
                      Reverse Solidus With Horizontal Stroke
1054 # #
           \doubleplus Double Plus
1055 ## #
           \tripleplus Triple Plus
1056 • #
          \bigodot
                      N-Ary Circled Dot Operator
                      N-Ary Circled Plus Operator
1057 ⊕ #
          \bigoplus
1058 ⊗ #
           \bigotimes N-Ary Circled Times Operator
1059 ⊌ #
          \bigcupdot N-Ary Union Operator With Dot
```

```
N-Ary Union Operator With Plus
1060 ₩ #
           \biguplus
1061 ∏ #
           \bigsqcap
                       N-Ary Square Intersection Operator
1062 ∐ #
           \bigsqcup
                       N-Ary Square Union Operator
1063 ∧ #
           \conjquant
                       Two Logical And Operator
1064 W #
                       Two Logical Or Operator
           \disjquant
1065 × #
           \bigtimes
                       N-Ary Times Operator
1066 ∑ #
           \modtwosum Modulo Two Sum
    ½ #
1067
           \sumint Summation With Integral
1068 ّ #
           \iiiint Quadruple Integral Operator
1069 f #
           \intbar Finite Part Integral
1070 ≠ #
           \intBar Integral With Double Stroke
1071 f #
           \clockoint Integral Average With Slash
1072 ∮ #
                       Circulation Function
           \cirfnint
1073 ∮ #
           \awint Anticlockwise Integration
1074 ∮ #
           \rppolint
                       Line Integration With Rectangular Path Around Pole
1075 $ #
                       Line Integration With Semicircular Path Around Pole
           \scpolint
1076 5 #
                       Line Integration Not Including The Pole
           \npolint
1077 ∮ #
           \pointint
                       Integral Around A Point Operator
1078 ∮ #
           \sqrint Quaternion Integral Operator
1079 * #
           \intx
                 Integral With Times Sign
1080 ∮ #
           \intcap Integral With Intersection
1081 ∮ #
           \intcup Integral With Union
    Ī #
1082
           \upint Integral With Overbar
1083 \( \bar{\infty} \) #
           \lowint Integral With Underbar
1084 ⋈ #
           \Join, \join
                           Join
1085 9 #
           \bbsemi Z Notation Schema Composition
1086 ∔ #
           \ringplus
                       Plus Sign With Small Circle Above
1087 + #
           \plushat
                       Plus Sign With Circumflex Accent Above
1088 ∓ #
           \simplus
                       Plus Sign With Tilde Above
1089 + #
           \plusdot
                       Plus Sign With Dot Below
1090 ± #
           \plussim
                       Plus Sign With Tilde Below
1091 + #
           \plussubtwo Plus Sign With Subscript Two
1092 + #
                       Plus Sign With Black Triangle
           \plustrif
1093 - #
           \commaminus Minus Sign With Comma Above
1094 - #
                      Minus Sign With Dot Below
           \minusdot
1095 - #
           \minusfdots Minus Sign With Falling Dots
1096 ≠ #
           \minusrdots Minus Sign With Rising Dots
1097 (+ #
           \opluslhrim Plus Sign In Left Half Circle
1098 +) #
           \oplusrhrim Plus Sign In Right Half Circle
1099 × #
           \Times Vector Or Cross Product
1100 × #
           \dottimes
                       Multiplication Sign With Dot Above
1101 <u>×</u> #
                       Multiplication Sign With Underbar
1102 × #
           \btimes Semidirect Product With Bottom Closed
1103 * #
           \smashtimes Smash Product
1104 🔅 #
                           Multiplication Sign In Left Half Circle
           \otimeslhrim
1105 🔌 #
           \otimesrhrim
                           Multiplication Sign In Right Half Circle
1106 🕏 #
           \otimeshat Circled Multiplication Sign With Circumflex Accent
1107 🕲 #
           \Otimes Multiplication Sign In Double Circle
1108 ⊕ #
                   Circled Division Sign
           \odiv
1109 ▲ #
                          Plus Sign In Triangle
           \triangleplus
1110 △ #
           \triangleminus Minus Sign In Triangle
1111 ▲ #
           \triangletimes Multiplication Sign In Triangle
1112 - #
           \intprod Interior Product
1113 ∟ #
           \intprodr Righthand Interior Product
```

```
1114 U #
          \amalg Amalgamation Or Coproduct
\capdot Intersection With Dot
1116 ₩ #
          \uminus Union With Minus Sign
1117 Ū#
          \barcup Union With Overbar
1118 ∩ #
          \barcap Intersection With Overbar
1119 A #
          \capwedge
                      Intersection With Logical And
1120 ₩ #
          \cupvee Union With Logical Or
1121 w #
          \twocups
                      Union Beside And Joined With Union
1122 m #
                      Intersection Beside And Joined With Intersection
          \twocaps
1123 U #
          \closedvarcup
                         Closed Union With Serifs
                         Closed Intersection With Serifs
1124 n #
          \closedvarcap
1125 m #
          \Sqcap Double Square Intersection
1126 😃 #
          \Sqcup Double Square Union
1127 ⊌ #
          \closedvarcupsmashprod Closed Union With Serifs And Smash Product
          \wedgeodot Logical And With Dot Above
1129 v #
           \veeodot
                      Logical Or With Dot Above
1130 🛦 #
          \And
                  Double Logical And
1131 ₩ #
          \Or Double Logical Or
1132 m #
          \wedgeonwedge
                         Two Intersecting Logical And
1133 W #
          \ElOr
                 Two Intersecting Logical Or
1134 V #
          \bigslopedvee
                         Sloping Large Or
1135 / #
          \bigslopedwedge Sloping Large And
          \wedgemidvert Logical And With Middle Stem
1136 ★ #
1137 v #
          \veemidvert Logical Or With Middle Stem
1138 ★ #
          1139 ₩ #
          \midbarvee Logical Or With Horizontal Dash
1140 ₹ #
          \perspcorrespond
                             Logical And With Double Overbar
1141 <u>∧</u> #
          \minhat Logical And With Underbar
1142 <u>△</u> #
          \wedgedoublebar Logical And With Double Underbar
1143 <u>×</u> #
          \varveebar Small Vee With Underbar
1144 ₹ #
          \doublebarvee
                          Logical Or With Double Overbar
1145 <u>v</u> #
          \veedoublebar
                         Logical Or With Double Underbar
1146 = #
          \eqdot Equals Sign With Dot Below
Identical With Dot Above
          \dotequiv
\dotsim Tilde Operator With Dot Above
1149 ∻ #
                      Tilde Operator With Rising Dots
          \simrdots
1150 ≈ #
          \simminussim
                          Similar Minus Similar
\congdot
                      Congruent With Dot Above
1152 ≛ #
          \asteq Equals With Asterisk
\hatapprox Almost Equal To With Circumflex Accent
\approxeqq Approximately Equal Or Equal To
1155 ∓ #
          \eqqplus
                      Equals Sign Above Plus Sign
1156 ± #
                      Plus Sign Above Equals Sign
          \pluseqq
1157 ₹ #
          \eqqsim Equals Sign Above Tilde Operator
1158 == #
                      Double Colon Equal
          \Coloneq
1159 == #
          \Equal Two Consecutive Equals Signs
1160 == #
          \egegeg Three Consecutive Equals Signs
                      Equals Sign With Two Dots Above And Two Dots Below
1161 # #
          \ddotseq
1162 ≡ #
                      Equivalent With Four Dots Above
          \equivDD
1163 < #
          \ltcir Less-Than With Circle Inside
1164 > #
          \gtcir Greater-Than With Circle Inside
1165 < #
          \ltquest
                     Less-Than With Question Mark Above
1166 🔰 #
                      Greater-Than With Question Mark Above
          \gtquest
1167 #
         \legslant Less-Than Or Slanted Equal To
```

```
/ # \nlegslant Less-Than Or Slanted Equal To + Combining Long Solidus Overlay
1168
1169
     #
         \geqslant Greater-Than Or Slanted Equal To
           \ngeqslant Greater-Than Or Slanted Equal To + Combining Long Solidus Overlay
1170
          \lesdot Less-Than Or Slanted Equal To With Dot Inside
1171
    € #
1172 ≥ #
          \gesdot Greater-Than Or Slanted Equal To With Dot Inside
1173 ≼ #
                    Less-Than Or Slanted Equal To With Dot Above
1174 ≥ #
                      Greater-Than Or Slanted Equal To With Dot Above
          \gesdoto
\lesdotor
                    Less-Than Or Slanted Equal To With Dot Above Right
1176 ≥ #
                     Greater-Than Or Slanted Equal To With Dot Above Left
          \gesdotol
1177 ≨ #
          \lessapprox Less-Than Or Approximate
          \gtrapprox Greater-Than Or Approximate
1179 < #
          \lneq Less-Than And Single-Line Not Equal To
1180 ≥ #
                  Greater-Than And Single-Line Not Equal To
1181 ≨ #
          \lnapprox Less-Than And Not Approximate
1182 🌲 #
          \gnapprox
                     Greater-Than And Not Approximate
1183 € #
          \lesseqqgtr Less-Than Above Double-Line Equal Above Greater-Than
1184 ⋛ #
          \gtreggless Greater-Than Above Double-Line Egual Above Less-Than
          \lsime Less-Than Above Similar Or Equal
1185 ≦ #
          \gsime Greater-Than Above Similar Or Equal
1186 ≥ #
\lsimg Less-Than Above Similar Above Greater-Than
1188 ⋛ #
          \gsiml Greater-Than Above Similar Above Less-Than
\lgE
                 Less-Than Above Greater-Than Above Double-Line Equal
          \glE
    ≧ #
                  Greater-Than Above Less-Than Above Double-Line Equal
1190
1191 ≸ #
          \lesges Less-Than Above Slanted Equal Above Greater-Than Above Slanted Equal
\gesles Greater-Than Above Slanted Equal Above Less-Than Above Slanted Equal
\eqslantless
                         Slanted Equal To Or Less-Than
          \eqslantgtr Slanted Equal To Or Greater-Than
1194 > #
1195 € #
          \elsdot Slanted Equal To Or Less-Than With Dot Inside
1196 > #
          \egsdot Slanted Equal To Or Greater-Than With Dot Inside
1197 ₹ #
                      Double-Line Equal To Or Less-Than
          \eqqless
1198 $ #
          \egggtr Double-Line Equal To Or Greater-Than
1199 € #
          1200 > #
                         Double-Line Slanted Equal To Or Greater-Than
          \eqqslantgtr
                     Similar Or Less-Than
1201 ~ #
          \simless
          \simgtr Similar Or Greater-Than
1202 $ #
1203 ≦ #
          \simlE Similar Above Less-Than Above Equals Sign
1204 ≧ #
          \simgE Similar Above Greater-Than Above Equals Sign
     #
         \NestedLessLess Double Nested Less-Than
1205
          \NotNestedLessLess    Double Nested Less-Than + Combining Long Solidus Overlay
1206
         \NestedGreaterGreater
1207
                                Double Nested Greater-Than
1208
           \NotNestedGreaterGreater
                                      Double Nested Greater-Than + Combining Long Solidus
          \partialmeetcontraction Double Nested Less-Than With Underbar
1209 ≤ #
1210 × #
                  Greater-Than Overlapping Less-Than
          \glj
1211 × #
          \gla
                  Greater-Than Beside Less-Than
1212 🛮 #
          \ltcc
                 Less-Than Closed By Curve
1213 ▷ #
          \gtcc
                  Greater-Than Closed By Curve
\lescc Less-Than Closed By Curve Above Slanted Equal
1215 ▷ #
          \gescc Greater-Than Closed By Curve Above Slanted Equal
\smt
                  Smaller Than
          \lat
                  Larger Than
1217 > #
1218 ≤ #
                  Smaller Than Or Equal To
          \smte
1219 > #
          \late
                Larger Than Or Equal To
1220 = #
          \bumpeqq
                     Equals Sign With Bumpy Above
1221 #
         \preceq Precedes Above Single-Line Equals Sign
```

```
/ # \npreceq Precedes Above Single-Line Equals Sign + Combining Long Solidus
1222
        Overlay
         \succeq Succeeds Above Single-Line Equals Sign
1223
1224
       / # \nsucceq
                      Succeeds Above Single-Line Equals Sign + Combining Long Solidus
        Overlay
1225 ≰ #
          \precneg
                       Precedes Above Single-Line Not Equal To
1226 ≩ #
                       Succeeds Above Single-Line Not Equal To
           \succneq
1227 ≦ #
                       Precedes Above Equals Sign
           \preceqq
1228 ≧ #
                       Succeeds Above Equals Sign
           \succeqq
1229 ≨ #
          \precnegg Precedes Above Not Equal To
1230 ≩ #
                     Succeeds Above Not Equal To
           \succnegg
          \precapprox Precedes Above Almost Equal To
1231 ≨ #
1232 ≩ #
          \succapprox Succeeds Above Almost Equal To
1233 ≨ #
          \precnapprox
                         Precedes Above Not Almost Equal To
    æ #
           \succnapprox
                           Succeeds Above Not Almost Equal To
1234
                   Double Precedes
1235 ≪ #
           \Prec
1236 ≫ #
                   Double Succeeds
           \Succ
\subsetdot Subset With Dot
           \supsetdot Superset With Dot
1238 ⊃ #
1239 ⊊ #
          \subsetplus Subset With Plus Sign Below
1240 ⊋ #
          \supsetplus Superset With Plus Sign Below
1241 ⊊ #
          \submult
                      Subset With Multiplication Sign Below
1242 ⊋ #
           \supmult
                       Superset With Multiplication Sign Below
1243 ⊆ #
           \subedot
                       Subset Of Or Equal To With Dot Above
1244 ⇒ #
           \supedot
                      Superset Of Or Equal To With Dot Above
1245
          \subseteqq Subset Of Above Equals Sign
       / # \nsubseteqq Subset Of Above Equals Sign + Combining Long Solidus Overlay
1246
          \supsetegg Superset Of Above Equals Sign
1247
          \nsupseteqq Superset Of Above Equals Sign + Combining Long Solidus Overlay
1248
       / #
          \subsim Subset Of Above Tilde Operator
1249 ⊊ #
1250 ⊋ #
           \supsim Superset Of Above Tilde Operator
1251 💂 #
                          Subset Of Above Almost Equal To
          \subsetapprox
                           Superset Of Above Almost Equal To
1252 ≥ #
           \supsetapprox
          \subsetnegg Subset Of Above Not Equal To
1253 ⊊ #
           \supsetneqq Superset Of Above Not Equal To
1254
    ⊋ #
1255 ⊏ #
                       Square Left Open Box Operator
          \ lsqhook
1256 ¬ #
           \rsqhook
                       Square Right Open Box Operator
                 Closed Subset
1257 a #
           \csub
1258 D#
                  Closed Superset
           \csup
1259 □ #
          \csube Closed Subset Or Equal To
1260 □ #
           \csupe Closed Superset Or Equal To
1261 5 #
          \subsup Subset Above Superset
          \supsub Superset Above Subset
1262 ≥ #
\subsub Subset Above Subset
1264 3 #
          \supsup Superset Above Superset
1265 ∞ #
           \suphsub
                       Superset Beside Subset
1266 ≥ #
                      Superset Beside And Joined By Dash With Subset
           \supdsub
1267 m #
           \forkv Element Of Opening Downwards
1268 \pitchfork #
                 Transversal Intersection
           \mlcp
# يلا 1269
           \forks Forking
1270 ⊎ #
           \forksnot
                       Nonforking
1271 - #
           \dashV Double Vertical Bar Left Turnstile
1272 ╡ #
           \Dashv Vertical Bar Double Left Turnstile
1273 ||| #
          \interleave Triple Vertical Bar Binary Relation
```

```
1274 #
          \tdcol Triple Colon Operator
\lllnest
                      Triple Nested Less-Than
1276 ≫ #
                      Triple Nested Greater-Than
          \gggnest
1277 ≤ #
          \leggslant Double-Line Slanted Less-Than Or Equal To
1278 ≥ #
          \geqqslant Double-Line Slanted Greater-Than Or Equal To
1279 ← #
          \:arrow_left:
                         Leftwards Black Arrow
1280 # #
          \:arrow_up: Upwards Black Arrow
1281 ↓ #
          \:arrow_down:
                          Downwards Black Arrow
1282 = #
          \squaretopblack Square With Top Half Black
1283 ■ #
          \squarebotblack Square With Bottom Half Black
1284 🖪 #
          \squarellblack Square With Lower Left Diagonal Half Black
1285 🗖 #
1286 ♦ #
          \diamondleftblack
                              Diamond With Left Half Black
1287 ◆ #
          \diamondrightblack Diamond With Right Half Black
1288 ♦ #
          \diamondtopblack
                              Diamond With Top Half Black
\diamondbotblack
                              Diamond With Bottom Half Black
1290 🖂 #
                         Dotted Square
          \dottedsquare
          \lgblksquare, \:black_large_square: Black Large Square
1291 #
1292 🗆 #
          \lgwhtsquare, \:white_large_square: White Large Square
1293 • #
          \vysmblksquare Black Very Small Square
1294 · #
          \vysmwhtsquare White Very Small Square
1295 • #
          \pentagonblack Black Pentagon
1296 🖸 #
          \pentagon
                    White Pentagon
1297 o #
          \varhexagon White Hexagon
1298 • #
          \varhexagonblack
                              Black Hexagon
1299 • #
          \hexagonblack
                         Horizontal Black Hexagon
1300 • #
          \lgblkcircle
                          Black Large Circle
1301 • #
          \mdblkdiamond Black Medium Diamond
1302 	 #
          \mdwhtdiamond White Medium Diamond
1303 • #
          \mdblklozenge Black Medium Lozenge
1304
    • #
          \mdwhtlozenge
                          White Medium Lozenge
1305 • #
          \smblkdiamond Black Small Diamond
1306 • #
          \smblklozenge Black Small Lozenge
1307 • #
          \smwhtlozenge
                         White Small Lozenge
                          Black Horizontal Ellipse
1308 • #
          \blkhorzoval
1309 • #
                          White Horizontal Ellipse
          \whthorzoval
1310 • #
          \blkvertoval
                          Black Vertical Ellipse
1311 o #
                          White Vertical Ellipse
          \whtvertoval
1312 ↔ #
          \circleonleftarrow Left Arrow With Small Circle
\leftthreearrows
                              Three Leftwards Arrows
1314 	 #
          \leftarrowonoplus
                              Left Arrow With Circled Plus
1315 ₩ #
          \longleftsquigarrow Long Leftwards Squiggle Arrow
1316 ## #
          \nvtwoheadleftarrow Leftwards Two-Headed Arrow With Vertical Stroke
1317 ## #
          \nVtwoheadleftarrow Leftwards Two-Headed Arrow With Double Vertical Stroke
1318 ↔ #
                              Leftwards Two-Headed Arrow From Bar
          \twoheadmapsfrom
1319 ← #
          \twoheadleftdbkarrow
                                  Leftwards Two-Headed Triple Dash Arrow
1320 ← #
                         Leftwards Arrow With Dotted Stem
          \leftdotarrow
1321 * #
          \nvleftarrowtail
                              Leftwards Arrow With Tail With Vertical Stroke
1322 ₩ #
          \nVleftarrowtail
                              Leftwards Arrow With Tail With Double Vertical Stroke
1323 ₩ #
          \twoheadleftarrowtail
                                 Leftwards Two-Headed Arrow With Tail
1324 « #
          \nvtwoheadleftarrowtail Leftwards Two-Headed Arrow With Tail With Vertical Stroke
1325 ## #
          \nVtwoheadleftarrowtail Leftwards Two-Headed Arrow w/ Tail Double Vertical Stroke
1326 ₩ #
          \leftarrowx Leftwards Arrow Through X
          \leftcurvedarrow Wave Arrow Pointing Directly Left
1327 ← #
```

```
\equalleftarrow Equals Sign Above Leftwards Arrow
1328 ← #
1329 ← #
          \bsimilarleftarrow Reverse Tilde Operator Above Leftwards Arrow
1330 € #
          \leftarrowbackapprox
                                Leftwards Arrow Above Reverse Almost Equal To
          \rightarrowgtr Rightwards Arrow Through Greater-Than
1331 » #
1332 ⇒ #
          \rightarrowsupset
                             Rightwards Arrow Through Superset
          \LLeftarrow Leftwards Quadruple Arrow
1333 € #
1334 ∌ #
          \RRightarrow
                         Rightwards Quadruple Arrow
1335 ⇒ #
          \bsimilarrightarrow Reverse Tilde Operator Above Rightwards Arrow
\rightarrowbackapprox Rightwards Arrow Above Reverse Almost Equal To
1337 ← #
          \similarleftarrow
                             Tilde Operator Above Leftwards Arrow
                             Leftwards Arrow Above Almost Equal To
1338 € #
          \leftarrowapprox
1339 ← #
          1340 ⇒ #
          \rightarrowbsimilar Rightwards Arrow Above Reverse Tilde Operator
          \medwhitestar, \:star: White Medium Star
1341 ☆ #
                          Black Small Star
1342
    * #
          \medblackstar
1343 * #
          \smwhitestar
                          White Small Star
1344 • #
          \rightpentagonblack Black Right-Pointing Pentagon
          \rightpentagon White Right-Pointing Pentagon
1345 0 #
                  Heavy Large Circle
1346 O #
          \:0:
    j #
1347
          \_j Latin Subscript Small Letter J
    V #
          \^V Modifier Letter Capital V
1348
1349 ₹ #
          \postalmark Postal Mark
1350 ~ #
          \:wavy_dash:
                          Wavy Dash
1351 ~ #
          \:part_alternation_mark:
                                     Part Alternation Mark
1352 🕸 #
          \:congratulations: Circled Ideograph Congratulation
1353 🐵 #
                     Circled Ideograph Secret
          \:secret:
```

## 4 Zero-padded 6-digit hex

```
1 A #
         \bfA
                  Mathematical Bold Capital A
2 B #
         \bfB
                  Mathematical Bold Capital B
  C #
         \bfC
                  Mathematical Bold Capital C
3
   D #
         \bfD
                  Mathematical Bold Capital D
4
  E #
         \bfE
                  Mathematical Bold Capital E
   F #
         \bfF
                  Mathematical Bold Capital F
7
   G #
         \bfG
                  Mathematical Bold Capital G
   H #
         \bfH
                  Mathematical Bold Capital H
8
   I #
         \bfI
                  Mathematical Bold Capital I
9
10 J #
         \bfJ
                  Mathematical Bold Capital J
  K #
         \bfK
                  Mathematical Bold Capital K
11
12
  L #
         \bfL
                  Mathematical Bold Capital L
13 M #
         \bfM
                  Mathematical Bold Capital M
14 N #
         \bfN
                  Mathematical Bold Capital N
         \bf0
   0 #
                  Mathematical Bold Capital O
15
         \bfP
16 P #
                  Mathematical Bold Capital P
17 Q #
         \bfQ
                  Mathematical Bold Capital Q
18 R #
         \bfR
                  Mathematical Bold Capital R
19 S #
         \bfS
                  Mathematical Bold Capital S
   T #
         \bfT
                  Mathematical Bold Capital T
20
21 U #
         \bfU
                  Mathematical Bold Capital U
22 V #
         \bfV
                 Mathematical Bold Capital V
```

```
\bfW
                  Mathematical Bold Capital W
23
   W #
   X #
          \bfX
24
                  Mathematical Bold Capital X
          \bfY
   Y #
                   Mathematical Bold Capital Y
25
   Z #
          \bfZ
                   Mathematical Bold Capital Z
26
   a #
          \bfa
                   Mathematical Bold Small A
27
   b #
          \bfb
                  Mathematical Bold Small B
28
   c #
          \bfc
                  Mathematical Bold Small C
29
   d #
          \bfd
                   Mathematical Bold Small D
30
   e #
                  Mathematical Bold Small E
          \bfe
31
   f #
          \bff
                   Mathematical Bold Small F
32
   g #
          \bfg
                  Mathematical Bold Small G
33
                  Mathematical Bold Small H
   h #
          \bfh
34
   i #
35
          \bfi
                  Mathematical Bold Small I
   j #
          \bfj
                  Mathematical Bold Small J
36
   k #
          \bfk
                   Mathematical Bold Small K
37
   1 #
          \bfl
                  Mathematical Bold Small L
38
   m #
          \bfm
                   Mathematical Bold Small M
39
   n #
                   Mathematical Bold Small N
40
          \bfn
41
   0 #
          \bfo
                   Mathematical Bold Small O
   p #
          \bfp
                  Mathematical Bold Small P
42
          \bfq
                  Mathematical Bold Small Q
   q #
43
   r #
          \bfr
                  Mathematical Bold Small R
44
          \bfs
                   Mathematical Bold Small S
45
   s #
46
   t #
          \bft
                  Mathematical Bold Small T
47
   u #
          \bfu
                  Mathematical Bold Small U
   v #
          \bfv
                  Mathematical Bold Small V
48
          \bfw
                  Mathematical Bold Small W
49
   w #
   x #
          \bfx
                  Mathematical Bold Small X
   y #
          \bfy
                  Mathematical Bold Small Y
51
52
   Z #
          \bfz
                  Mathematical Bold Small Z
   A #
          \itA
                  Mathematical Italic Capital A
53
   B #
54
          \itB
                  Mathematical Italic Capital B
   C #
          \itC
                  Mathematical Italic Capital C
55
   D #
56
          \itD
                   Mathematical Italic Capital D
   E #
          \itE
                  Mathematical Italic Capital E
57
   F #
58
          \itF
                  Mathematical Italic Capital F
   G #
          \itG
                  Mathematical Italic Capital G
59
   H #
          \itH
                   Mathematical Italic Capital H
60
   I #
          \itI
                  Mathematical Italic Capital I
61
62
   J #
          \itJ
                   Mathematical Italic Capital J
   K #
          \itK
                   Mathematical Italic Capital K
63
64
   L #
          \itL
                  Mathematical Italic Capital L
   M #
          \itM
                  Mathematical Italic Capital M
65
   N #
          \itN
                  Mathematical Italic Capital N
66
                  Mathematical Italic Capital O
   0 #
          \it0
67
   P #
          \itP
                  Mathematical Italic Capital P
68
   Q #
          \itQ
                  Mathematical Italic Capital Q
   R #
          \itR
                  Mathematical Italic Capital R
70
   S #
          \itS
                   Mathematical Italic Capital S
71
   T #
          \itT
                  Mathematical Italic Capital T
72
73
   U #
          \itU
                  Mathematical Italic Capital U
   V #
          \itV
                   Mathematical Italic Capital V
74
   W #
75
          \itW
                   Mathematical Italic Capital W
76 X #
          \itX
                  Mathematical Italic Capital X
```

```
\itY
                   Mathematical Italic Capital Y
77
   Y #
    Z #
78
          \itZ
                   Mathematical Italic Capital Z
    a #
79
          \ita
                   Mathematical Italic Small A
    b #
          \itb
                   Mathematical Italic Small B
    c #
          \itc
                   Mathematical Italic Small C
81
    d #
          \itd
                   Mathematical Italic Small D
    e #
          \ite
                   Mathematical Italic Small E
83
    f #
                   Mathematical Italic Small F
84
          \itf
   g #
          \itg
                   Mathematical Italic Small G
85
86
   i #
          \iti
                   Mathematical Italic Small I
    j #
          \itj
                   Mathematical Italic Small J
87
    k #
          \itk
                   Mathematical Italic Small K
88
    l #
          \itl
                   Mathematical Italic Small L
89
90
    m #
          \itm
                   Mathematical Italic Small M
                   Mathematical Italic Small N
    n #
          \itn
91
    o #
          \ito
                   Mathematical Italic Small O
92
    p #
                   Mathematical Italic Small P
          \itp
93
    q #
          \itq
                   Mathematical Italic Small O
94
                   Mathematical Italic Small R
95
    r #
          \itr
96
    s #
          \its
                   Mathematical Italic Small S
    t #
          \itt
                   Mathematical Italic Small T
97
98
    u #
          \itu
                   Mathematical Italic Small U
                   Mathematical Italic Small V
    v #
          \itv
99
100
    w #
          \itw
                   Mathematical Italic Small W
    x #
101
          \itx
                   Mathematical Italic Small X
102
    y #
          \ity
                   Mathematical Italic Small Y
    2 #
                   Mathematical Italic Small Z
103
          \itz
    A #
          \biA
                   Mathematical Bold Italic Capital A
104
   B #
          \biB
                   Mathematical Bold Italic Capital B
105
    C #
          \biC
106
                   Mathematical Bold Italic Capital C
107
   D #
          \biD
                   Mathematical Bold Italic Capital D
108 E #
          \biE
                   Mathematical Bold Italic Capital E
   F #
          \biF
                   Mathematical Bold Italic Capital F
109
   G #
          \biG
                   Mathematical Bold Italic Capital G
110
   H #
          \biH
                   Mathematical Bold Italic Capital H
111
   I #
          \biI
                   Mathematical Bold Italic Capital I
112
   J #
          \biJ
                   Mathematical Bold Italic Capital J
113
   K #
          \biK
                   Mathematical Bold Italic Capital K
114
115 L #
          \biL
                   Mathematical Bold Italic Capital L
116 M #
          \biM
                   Mathematical Bold Italic Capital M
117 N #
          \biN
                   Mathematical Bold Italic Capital N
   0 #
          \bi0
                   Mathematical Bold Italic Capital O
118
119
   P #
          \biP
                   Mathematical Bold Italic Capital P
    Q #
          \biQ
                   Mathematical Bold Italic Capital Q
120
    R #
          \biR
                   Mathematical Bold Italic Capital R
121
    S #
122
          \biS
                   Mathematical Bold Italic Capital S
123 T #
          \biT
                   Mathematical Bold Italic Capital T
124 U #
          \biU
                   Mathematical Bold Italic Capital U
   V #
          \biV
                   Mathematical Bold Italic Capital V
125
                   Mathematical Bold Italic Capital W
   W #
          \biW
126
   X #
          \biX
                   Mathematical Bold Italic Capital X
127
128
   Y #
          \biY
                   Mathematical Bold Italic Capital Y
    Z #
          \biZ
                   Mathematical Bold Italic Capital Z
129
                   Mathematical Bold Italic Small A
130 a #
          \bia
```

```
b #
          \bib
                   Mathematical Bold Italic Small B
131
    c #
                   Mathematical Bold Italic Small C
132
          \bic
    d #
          \bid
                   Mathematical Bold Italic Small D
133
134
    e #
          \bie
                   Mathematical Bold Italic Small E
    f #
          \bif
                   Mathematical Bold Italic Small F
135
    g #
          \big
                   Mathematical Bold Italic Small G
136
    h #
          \bih
                   Mathematical Bold Italic Small H
137
   i #
                   Mathematical Bold Italic Small I
138
          \bii
    j #
139
          \bij
                   Mathematical Bold Italic Small J
   k #
          \bik
                   Mathematical Bold Italic Small K
140
    l #
          \bil
                   Mathematical Bold Italic Small L
141
142
    m #
          \bim
                   Mathematical Bold Italic Small M
    n #
          \bin
                   Mathematical Bold Italic Small N
143
                   Mathematical Bold Italic Small O
    0 #
          \bio
144
   p #
          \bip
                   Mathematical Bold Italic Small P
145
   q #
146
          \biq
                   Mathematical Bold Italic Small O
147
    r #
          \bir
                   Mathematical Bold Italic Small R
148
    s #
          \bis
                   Mathematical Bold Italic Small S
    t #
          \bit
                   Mathematical Bold Italic Small T
149
    u #
          \biu
                   Mathematical Bold Italic Small U
150
    v #
          \biv
                   Mathematical Bold Italic Small V
151
                   Mathematical Bold Italic Small W
152
    w #
          \biw
153
    x #
          \bix
                   Mathematical Bold Italic Small X
                   Mathematical Bold Italic Small Y
154
    y #
          \biy
                   Mathematical Bold Italic Small Z
    2 #
          \biz
155
   Я#
                   Mathematical Script Capital A
156
          \scrA
    C #
157
          \scrC
                   Mathematical Script Capital C
158
    D #
          \scrD
                   Mathematical Script Capital D
    G #
                   Mathematical Script Capital G
159
          \scrG
    9 #
160
          \scrJ
                   Mathematical Script Capital J
161 % #
          \scrK
                   Mathematical Script Capital K
   N #
          \scrN
                   Mathematical Script Capital N
162
163
    0 #
          \scr0
                   Mathematical Script Capital O
    P #
          \scrP
                   Mathematical Script Capital P
164
165
    Q #
          \scrQ
                   Mathematical Script Capital Q
    S #
          \scrS
                   Mathematical Script Capital S
166
    T #
                   Mathematical Script Capital T
167
          \scrT
168 U #
          \scrU
                   Mathematical Script Capital U
169
   \nu #
          \scrV
                   Mathematical Script Capital V
170 W #
          \scrW
                   Mathematical Script Capital W
    χ #
          \scrX
                   Mathematical Script Capital X
171
    9 #
172
          \scrY
                   Mathematical Script Capital Y
    Z #
                   Mathematical Script Capital Z
173
          \scrZ
                   Mathematical Script Small A
    a #
          \scra
174
    6 #
          \scrb
                   Mathematical Script Small B
175
   c #
          \scrc
                   Mathematical Script Small C
176
    d #
          \scrd
                   Mathematical Script Small D
177
178
    f #
          \scrf
                   Mathematical Script Small F
    h #
          \scrh
                   Mathematical Script Small H
179
180
    i #
          \scri
                   Mathematical Script Small I
    j #
                   Mathematical Script Small J
181
          \scrj
   k #
                   Mathematical Script Small K
182
          \scrk
   l #
          \scrl
                   Mathematical Script Small L
183
```

```
Mathematical Script Small M
184
   m #
          \scrm
    n #
185
          \scrn
                   Mathematical Script Small N
    p #
          \scrp
                   Mathematical Script Small P
186
187
    q #
          \scrq
                   Mathematical Script Small Q
   1 #
                  Mathematical Script Small R
188
          \scrr
   S #
          \scrs
                   Mathematical Script Small S
189
    t #
                  Mathematical Script Small T
          \scrt
190
    u #
191
          \scru
                   Mathematical Script Small U
   v #
                  Mathematical Script Small V
192
          \scrv
193
   w #
          \scrw
                   Mathematical Script Small W
                  Mathematical Script Small X
   x #
194
          \scrx
    4 #
          \scry
                  Mathematical Script Small Y
195
   Z #
          \scrz
                  Mathematical Script Small Z
196
197
   A #
          \bscrA
                  Mathematical Bold Script Capital A
                  Mathematical Bold Script Capital B
   B #
          \bscrB
198
   C #
          \bscrC
                  Mathematical Bold Script Capital C
199
   D #
          \bscrD
200
                  Mathematical Bold Script Capital D
   £ #
201
          \bscrE
                  Mathematical Bold Script Capital E
   F #
                  Mathematical Bold Script Capital F
202
          \bscrF
203
   G #
          \bscrG
                  Mathematical Bold Script Capital G
   H #
          \bscrH
                  Mathematical Bold Script Capital H
204
   I #
          \bscrI
                  Mathematical Bold Script Capital I
205
   9 #
          \bscrJ
                  Mathematical Bold Script Capital J
206
   K #
207
          \bscrK
                  Mathematical Bold Script Capital K
   L #
208
          \bscrL
                  Mathematical Bold Script Capital L
209
   M #
          \bscrM
                  Mathematical Bold Script Capital M
   N #
                  Mathematical Bold Script Capital N
210
          \bscrN
   0 #
                  Mathematical Bold Script Capital O
211
          \bscr0
   P #
          \bscrP
                  Mathematical Bold Script Capital P
212
   Q #
                  Mathematical Bold Script Capital Q
213
          \bscrQ
214
   R #
          \bscrR
                  Mathematical Bold Script Capital R
215 S #
          \bscrS
                  Mathematical Bold Script Capital S
   T #
          \bscrT
                  Mathematical Bold Script Capital T
216
   u #
                  Mathematical Bold Script Capital U
217
          \bscrU
   \nu #
          \bscrV
                  Mathematical Bold Script Capital V
218
219 W #
          \bscrW
                  Mathematical Bold Script Capital W
   X #
          \bscrX
                  Mathematical Bold Script Capital X
220
   y #
          \bscrY
                  Mathematical Bold Script Capital Y
221
   Z #
222
          \bscrZ
                  Mathematical Bold Script Capital Z
   a #
223
          \bscra
                  Mathematical Bold Script Small A
224
   6 #
                  Mathematical Bold Script Small B
          \bscrb
225
   C #
          \bscrc
                  Mathematical Bold Script Small C
   d #
226
          \bscrd
                  Mathematical Bold Script Small D
    e #
          \bscre
                  Mathematical Bold Script Small E
227
   f #
          \bscrf
                  Mathematical Bold Script Small F
228
   g #
229
                  Mathematical Bold Script Small G
          \bscrg
   h #
                  Mathematical Bold Script Small H
230
          \bscrh
231
    i #
          \bscri
                  Mathematical Bold Script Small I
    i #
          \bscrj
                  Mathematical Bold Script Small J
232
   £ #
          \bscrk
                  Mathematical Bold Script Small K
233
    l #
                  Mathematical Bold Script Small L
234
          \bscrl
   m #
                  Mathematical Bold Script Small M
235
          \bscrm
   n #
                  Mathematical Bold Script Small N
236
          \bscrn
    0 #
                  Mathematical Bold Script Small O
237
          \bscro
```

```
\bscrp Mathematical Bold Script Small P
238
    p #
    q #
239
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                   Mathematical Bold Script Small Q
   r #
          \bscrr
                   Mathematical Bold Script Small R
240
241
    s #
          \bscrs
                   Mathematical Bold Script Small S
    t #
           \bscrt
                   Mathematical Bold Script Small T
242
    u #
          \bscru
                  Mathematical Bold Script Small U
243
    v #
                   Mathematical Bold Script Small V
244
          \bscrv
                   Mathematical Bold Script Small W
245
    W #
          \bscrw
    X #
                  Mathematical Bold Script Small X
246
          \bscrx
    y #
                   Mathematical Bold Script Small Y
247
          \bscry
    z #
                   Mathematical Bold Script Small Z
248
          \bscrz
    A #
          \frakA
                   Mathematical Fraktur Capital A
249
    13 #
          \frakB
                  Mathematical Fraktur Capital B
250
251
    D #
          \frakD
                   Mathematical Fraktur Capital D
252
    € #
          \frakE
                   Mathematical Fraktur Capital E
    # #
          \frakF
                   Mathematical Fraktur Capital F
253
    6 #
          \frakG
                   Mathematical Fraktur Capital G
254
    J #
255
          \frakJ
                   Mathematical Fraktur Capital J
                   Mathematical Fraktur Capital K
256
    R #
          \frakK
257
    L #
          \frakL
                   Mathematical Fraktur Capital L
    AD #
          \frakM
                   Mathematical Fraktur Capital M
258
    10 #
          \frakN
                   Mathematical Fraktur Capital N
259
    0 #
          \frak0
                   Mathematical Fraktur Capital O
260
261
    P #
           \frakP
                   Mathematical Fraktur Capital P
262
    0 #
          \frakQ
                   Mathematical Fraktur Capital Q
263
    5 #
          \frakS
                   Mathematical Fraktur Capital S
    T #
                   Mathematical Fraktur Capital T
          \frakT
264
                  Mathematical Fraktur Capital U
   21 #
265
           \frakU
    U #
          \frakV
                   Mathematical Fraktur Capital V
266
    W #
                   Mathematical Fraktur Capital W
267
          \frakW
268
    X #
          \frakX
                   Mathematical Fraktur Capital X
    1 #
          \frakY
                   Mathematical Fraktur Capital Y
269
    a #
          \fraka
                   Mathematical Fraktur Small A
270
    b #
                   Mathematical Fraktur Small B
271
          \frakb
                   Mathematical Fraktur Small C
272
    r #
          \frakc
    ð #
          \frakd
                   Mathematical Fraktur Small D
273
274
    P #
          \frake
                   Mathematical Fraktur Small E
    f #
                   Mathematical Fraktur Small F
          \frakf
275
    g #
          \frakg
                   Mathematical Fraktur Small G
276
    h #
                   Mathematical Fraktur Small H
277
          \frakh
278
    t #
          \fraki
                   Mathematical Fraktur Small I
    t #
                   Mathematical Fraktur Small J
279
          \frakj
280
    k #
           \frakk
                   Mathematical Fraktur Small K
    1 #
          \frakl
                   Mathematical Fraktur Small L
281
    m #
                  Mathematical Fraktur Small M
          \frakm
282
                   Mathematical Fraktur Small N
283
    n #
          \frakn
    p #
          \frako
                   Mathematical Fraktur Small O
284
285
    p #
          \frakp
                   Mathematical Fraktur Small P
    n #
                  Mathematical Fraktur Small Q
286
          \frakq
    r #
          \frakr
                   Mathematical Fraktur Small R
287
    ß #
                   Mathematical Fraktur Small S
288
          \fraks
    1 #
          \frakt
                   Mathematical Fraktur Small T
289
    u #
          \fraku
                   Mathematical Fraktur Small U
290
                  Mathematical Fraktur Small V
291 u #
          \frakv
```

```
\frakw
                  Mathematical Fraktur Small W
292
    w #
    x #
           \frakx
                   Mathematical Fraktur Small X
293
294
    y #
           \fraky
                   Mathematical Fraktur Small Y
                   Mathematical Fraktur Small Z
295
    Z #
           \frakz
    A #
           \bbA
                   Mathematical Double-Struck Capital A
296
    IB #
                   Mathematical Double-Struck Capital B
297
    ID #
           \bbD
                   Mathematical Double-Struck Capital D
298
    E #
299
                   Mathematical Double-Struck Capital E
    F #
           \bbF
                   Mathematical Double-Struck Capital F
300
301
    G #
                   Mathematical Double-Struck Capital G
    I #
                   Mathematical Double-Struck Capital I
           \bbI
302
    J #
           \bbJ
                   Mathematical Double-Struck Capital J
303
    K #
           \bbK
                   Mathematical Double-Struck Capital K
304
305
    L #
                   Mathematical Double-Struck Capital L
    M #
           \bbM
                   Mathematical Double-Struck Capital M
306
    0 #
                   Mathematical Double-Struck Capital O
307
    $ #
                   Mathematical Double-Struck Capital S
308
    T #
           \bbT
                   Mathematical Double-Struck Capital T
309
                   Mathematical Double-Struck Capital U
310
    U #
    W #
           \bbV
311
                   Mathematical Double-Struck Capital V
    W #
           \bbW
                   Mathematical Double-Struck Capital W
312
    X #
           \bbX
                   Mathematical Double-Struck Capital X
313
    Y #
           \bbY
                   Mathematical Double-Struck Capital Y
314
315
    a #
           \bba
                   Mathematical Double-Struck Small A
   b #
316
                   Mathematical Double-Struck Small B
317
    C #
           \bbc
                   Mathematical Double-Struck Small C
    d #
                   Mathematical Double-Struck Small D
318
           \bbd
319
    e #
                   Mathematical Double-Struck Small E
           \bbe
    f #
           \bbf
                   Mathematical Double-Struck Small F
320
    Q| #
                   Mathematical Double-Struck Small G
321
           \bbg
322
    h #
           \bbh
                   Mathematical Double-Struck Small H
    i #
                   Mathematical Double-Struck Small I
323
           \bbi
    j #
           \bbj
                   Mathematical Double-Struck Small J
324
    k #
           \bbk
                   Mathematical Double-Struck Small K
325
    1 #
           \bbl
                   Mathematical Double-Struck Small L
326
    m #
           \bbm
                   Mathematical Double-Struck Small M
327
    n #
           \bbn
                   Mathematical Double-Struck Small N
328
    0 #
           \bbo
                   Mathematical Double-Struck Small O
329
    p #
           \bbp
                   Mathematical Double-Struck Small P
330
    QI #
                   Mathematical Double-Struck Small O
331
           \bbq
332
    ır #
           \bbr
                   Mathematical Double-Struck Small R
    $ #
           \bbs
                   Mathematical Double-Struck Small S
333
334
    t #
           \bbt
                   Mathematical Double-Struck Small T
    ul #
           \bbu
                   Mathematical Double-Struck Small U
335
    W #
           \bbv
                   Mathematical Double-Struck Small V
336
                   Mathematical Double-Struck Small W
337
    W #
           \bbw
    X #
           \bbx
                   Mathematical Double-Struck Small X
338
    W #
339
           \bby
                   Mathematical Double-Struck Small Y
    Z #
                   Mathematical Double-Struck Small Z
340
           \bbz
           \bfrakA Mathematical Bold Fraktur Capital A
    A #
341
    B #
           \bfrakB Mathematical Bold Fraktur Capital B
342
343
    C #
           \bfrakC Mathematical Bold Fraktur Capital C
    D #
           \bfrakD Mathematical Bold Fraktur Capital D
344
          \bfrakE Mathematical Bold Fraktur Capital E
345
   € #
```

```
\bfrakF Mathematical Bold Fraktur Capital F
346
   f #
    6 #
          \bfrakG Mathematical Bold Fraktur Capital G
   19 #
          \bfrakH Mathematical Bold Fraktur Capital H
348
          \bfrakI Mathematical Bold Fraktur Capital I
349
    1 #
   3 #
          \bfrakJ Mathematical Bold Fraktur Capital J
350
    Æ #
          \bfrakK Mathematical Bold Fraktur Capital K
   L #
          \bfrakL Mathematical Bold Fraktur Capital L
352
    AD #
          \bfrakM Mathematical Bold Fraktur Capital M
353
   1D #
          \bfrakN Mathematical Bold Fraktur Capital N
354
    D #
          \bfrakO Mathematical Bold Fraktur Capital O
355
   p #
          \bfrakP Mathematical Bold Fraktur Capital P
356
          \bfrakO Mathematical Bold Fraktur Capital O
    0 #
357
   R #
          \bfrakR Mathematical Bold Fraktur Capital R
358
    5 #
359
          \bfrakS Mathematical Bold Fraktur Capital S
          \bfrakT Mathematical Bold Fraktur Capital T
    T #
360
    21 #
          \bfrakU Mathematical Bold Fraktur Capital U
361
   10 #
          \bfrakV Mathematical Bold Fraktur Capital V
362
   H #
          \bfrakW Mathematical Bold Fraktur Capital W
363
   X #
          \bfrakX Mathematical Bold Fraktur Capital X
364
          \bfrakY Mathematical Bold Fraktur Capital Y
365
   u #
    Z #
          \bfrakZ Mathematical Bold Fraktur Capital Z
    a #
          \bfraka Mathematical Bold Fraktur Small A
367
          \bfrakb Mathematical Bold Fraktur Small B
    b #
368
369
    c #
          \bfrakc Mathematical Bold Fraktur Small C
    0 #
          \bfrakd Mathematical Bold Fraktur Small D
371
    e #
          \bfrake Mathematical Bold Fraktur Small E
    f #
          \bfrakf Mathematical Bold Fraktur Small F
372
    g #
          \bfrakg Mathematical Bold Fraktur Small G
373
    h #
          \bfrakh Mathematical Bold Fraktur Small H
374
    i #
          \bfraki Mathematical Bold Fraktur Small I
375
376
    j #
          \bfrakj Mathematical Bold Fraktur Small J
    k #
          \bfrakk Mathematical Bold Fraktur Small K
377
    1 #
          \bfrakl Mathematical Bold Fraktur Small L
378
          \bfrakm Mathematical Bold Fraktur Small M
    m #
379
    n #
          \bfrakn Mathematical Bold Fraktur Small N
380
    0 #
          \bfrako Mathematical Bold Fraktur Small O
381
    p #
          \bfrakp Mathematical Bold Fraktur Small P
382
          \bfrakq Mathematical Bold Fraktur Small Q
    q #
383
    r #
          \bfrakr Mathematical Bold Fraktur Small R
384
    $ #
          \bfraks Mathematical Bold Fraktur Small S
386
   t #
          \bfrakt Mathematical Bold Fraktur Small T
          \bfraku Mathematical Bold Fraktur Small U
387
    u #
388
    p #
          \bfrakv Mathematical Bold Fraktur Small V
    w #
          \bfrakw Mathematical Bold Fraktur Small W
   x #
          \bfrakx Mathematical Bold Fraktur Small X
390
          \bfrakv Mathematical Bold Fraktur Small Y
391
    v #
    3 #
          \bfrakz Mathematical Bold Fraktur Small Z
392
393
   A #
          \sansA
                  Mathematical Sans-Serif Capital A
   B #
                  Mathematical Sans-Serif Capital B
394
          \sansB
   C #
                  Mathematical Sans-Serif Capital C
395
          \sansC
   D #
                  Mathematical Sans-Serif Capital D
396
          \sansD
397
    E #
          \sansE
                  Mathematical Sans-Serif Capital E
   F #
                  Mathematical Sans-Serif Capital F
398
          \sansF
                  Mathematical Sans-Serif Capital G
399 G #
          \sansG
```

```
\sansH Mathematical Sans-Serif Capital H
400
   H #
    I #
          \sansI
401
                  Mathematical Sans-Serif Capital I
402
    J #
          \sansJ
                  Mathematical Sans-Serif Capital J
403
   K #
          \sansK
                  Mathematical Sans-Serif Capital K
404
   L #
                  Mathematical Sans-Serif Capital L
          \sansL
   M #
405
          \sansM
                  Mathematical Sans-Serif Capital M
   N #
                  Mathematical Sans-Serif Capital N
406
          \sansN
407
   0 #
          \sans0
                  Mathematical Sans-Serif Capital O
408
   P #
                  Mathematical Sans-Serif Capital P
          \sansP
409
   Q #
          \sansQ
                  Mathematical Sans-Serif Capital Q
   R #
                  Mathematical Sans-Serif Capital R
410
          \sansR
    S #
          \sansS
                  Mathematical Sans-Serif Capital S
411
   T #
                  Mathematical Sans-Serif Capital T
412
          \sansT
                  Mathematical Sans-Serif Capital U
413
   U #
          \sansU
   V #
          \sansV
                  Mathematical Sans-Serif Capital V
414
   W #
                  Mathematical Sans-Serif Capital W
415
          \sansW
416 X #
                  Mathematical Sans-Serif Capital X
          \sansX
   Y #
417
          \sansY
                  Mathematical Sans-Serif Capital Y
                  Mathematical Sans-Serif Capital Z
   Z #
418
          \sansZ
419
    a #
          \sansa
                  Mathematical Sans-Serif Small A
   b #
                  Mathematical Sans-Serif Small B
420
          \sansb
   C #
                  Mathematical Sans-Serif Small C
421
          \sansc
   d #
                  Mathematical Sans-Serif
                                            Small D
422
          \sansd
423
   e #
          \sanse
                  Mathematical Sans-Serif Small E
   f #
424
          \sansf
                  Mathematical Sans-Serif Small F
425
   g #
                  Mathematical Sans-Serif Small G
          \sansg
426
   h #
          \sansh
                  Mathematical Sans-Serif Small H
    i #
          \sansi
                  Mathematical Sans-Serif Small I
427
    i #
                  Mathematical Sans-Serif Small J
428
    k #
                  Mathematical Sans-Serif Small K
429
          \sansk
430
    1 #
          \sansl
                  Mathematical Sans-Serif Small L
    m #
                  Mathematical Sans-Serif Small M
431
          \sansm
                  Mathematical Sans-Serif Small N
432
   n #
          \sansn
                  Mathematical Sans-Serif Small O
   o #
433
          \sanso
                  Mathematical Sans-Serif Small P
434
    p #
          \sansp
    q #
                  Mathematical Sans-Serif Small O
435
          \sansq
   r #
                  Mathematical Sans-Serif Small R
436
          \sansr
                  Mathematical Sans-Serif Small S
    s #
437
          \sanss
   t #
                  Mathematical Sans-Serif Small T
438
          \sanst
439
   u #
          \sansu
                  Mathematical Sans-Serif Small U
440
   V #
          \sansv
                  Mathematical Sans-Serif Small V
                  Mathematical Sans-Serif Small W
441
   W #
          \sansw
442
   X #
          \sansx
                  Mathematical Sans-Serif Small X
   y #
          \sansy
                  Mathematical Sans-Serif Small Y
443
   Z #
                  Mathematical Sans-Serif Small Z
          \sansz
444
          \bsansA Mathematical Sans-Serif Bold Capital A
445
   A #
446 B #
          \bsansB Mathematical Sans-Serif Bold Capital B
447
   C #
          \bsansC Mathematical Sans-Serif Bold Capital C
   D #
          \bsansD Mathematical Sans-Serif Bold Capital D
448
   E #
          \bsansE Mathematical Sans-Serif Bold Capital E
449
   F #
          \bsansF Mathematical Sans-Serif Bold Capital F
450
451
    G #
          \bsansG Mathematical Sans-Serif Bold Capital G
   H #
          \bsansH Mathematical Sans-Serif Bold Capital H
452
          \bsansI Mathematical Sans-Serif Bold Capital I
453 I #
```

```
J #
          \bsansJ Mathematical Sans-Serif Bold Capital J
454
    K #
          \bsansK Mathematical Sans-Serif Bold Capital K
455
   L #
          \bsansL Mathematical Sans-Serif Bold Capital L
456
          \bsansM Mathematical Sans-Serif Bold Capital M
457
    M #
    N #
          \bsansN Mathematical Sans-Serif Bold Capital N
458
    0 #
          \bsansO Mathematical Sans-Serif Bold Capital O
    P #
          \bsansP Mathematical Sans-Serif Bold Capital P
460
          \bsansQ Mathematical Sans-Serif Bold Capital Q
461
    0 #
    R #
          \bsansR Mathematical Sans-Serif Bold Capital R
462
    S #
          \bsansS Mathematical Sans-Serif Bold Capital S
    T #
          \bsansT Mathematical Sans-Serif Bold Capital T
464
          \bsansU Mathematical Sans-Serif Bold Capital U
    U #
465
    V #
          \bsansV Mathematical Sans-Serif Bold Capital V
466
467
    W #
          \bsansW Mathematical Sans-Serif Bold Capital W
          \bsansX Mathematical Sans-Serif Bold Capital X
   X #
468
    Y #
          \bsansY Mathematical Sans-Serif Bold Capital Y
469
   Z #
          \bsansZ Mathematical Sans-Serif Bold Capital Z
470
          \bsansa Mathematical Sans-Serif Bold Small A
471
    a #
    b #
          \bsansb Mathematical Sans-Serif Bold Small B
472
473
    C #
          \bsansc Mathematical Sans-Serif Bold Small C
    d #
          \bsansd Mathematical Sans-Serif Bold Small D
474
    e #
          \bsanse Mathematical Sans-Serif Bold Small E
475
    f #
          \bsansf Mathematical Sans-Serif Bold Small F
476
    g #
477
          \bsansg Mathematical Sans-Serif Bold Small G
   h #
478
          \bsansh Mathematical Sans-Serif Bold Small H
479
    i #
          \bsansi Mathematical Sans-Serif Bold Small I
    j #
          \bsansj Mathematical Sans-Serif Bold Small J
480
    k #
          \bsansk Mathematical Sans-Serif Bold Small K
481
    1 #
          \bsansl Mathematical Sans-Serif Bold Small L
482
    m #
          \bsansm Mathematical Sans-Serif Bold Small M
483
484
    n #
          \bsansn Mathematical Sans-Serif Bold Small N
    0 #
          \bsanso Mathematical Sans-Serif Bold Small O
485
          \bsansp Mathematical Sans-Serif Bold Small P
486
    p #
          \bsansq Mathematical Sans-Serif Bold Small Q
    q #
487
          \bsansr Mathematical Sans-Serif Bold Small R
488
    r #
    s #
          \bsanss Mathematical Sans-Serif Bold Small S
489
    t #
          \bsanst Mathematical Sans-Serif Bold Small T
490
          \bsansu Mathematical Sans-Serif Bold Small U
    u #
491
492
    v #
          \bsansv Mathematical Sans-Serif Bold Small V
          \bsansw Mathematical Sans-Serif Bold Small W
493
    W #
   X #
494
          \bsansx Mathematical Sans-Serif Bold Small X
          \bsansy Mathematical Sans-Serif Bold Small Y
495
    y #
   Z #
496
          \bsansz Mathematical Sans-Serif Bold Small Z
    A #
497
          \isansA Mathematical Sans-Serif Italic Capital A
   B #
          \isansB Mathematical Sans-Serif Italic Capital B
498
    C #
          \isansC Mathematical Sans-Serif Italic Capital C
499
   D #
          \isansD Mathematical Sans-Serif Italic Capital D
500
501
   E #
          \isansE Mathematical Sans-Serif Italic Capital E
   F #
          \isansF Mathematical Sans-Serif Italic Capital F
502
    G #
          \isansG Mathematical Sans-Serif Italic Capital G
503
   H #
          \isansH Mathematical Sans-Serif Italic Capital H
504
505
    1 #
          \isansI Mathematical Sans-Serif Italic Capital I
    J #
          \isansJ Mathematical Sans-Serif Italic Capital J
506
          \isansK Mathematical Sans-Serif Italic Capital K
507 K #
```

```
\isansL Mathematical Sans-Serif Italic Capital L
508
    L #
    M #
509
          \isansM Mathematical Sans-Serif Italic Capital M
    N #
          \isansN Mathematical Sans-Serif Italic Capital N
510
          \isansO Mathematical Sans-Serif Italic Capital O
511
    0 #
    P #
          \isansP Mathematical Sans-Serif Italic Capital P
512
    Q #
          \isansQ Mathematical Sans-Serif Italic Capital O
    R #
          \isansR Mathematical Sans-Serif Italic Capital R
514
          \isansS Mathematical Sans-Serif Italic Capital S
515
    S #
   T #
          \isansT Mathematical Sans-Serif Italic Capital T
516
517
    U #
          \isansU Mathematical Sans-Serif Italic Capital U
   V #
          \isansV Mathematical Sans-Serif Italic Capital V
518
          \isansW Mathematical Sans-Serif Italic Capital W
519
    W #
    X #
          \isansX Mathematical Sans-Serif Italic Capital X
520
          \isansY Mathematical Sans-Serif Italic Capital Y
521
    Y #
    Z #
          \isansZ Mathematical Sans-Serif Italic Capital Z
522
    a #
          \isansa Mathematical Sans-Serif Italic Small A
523
   b #
          \isansb Mathematical Sans-Serif Italic Small B
524
          \isansc Mathematical Sans-Serif Italic Small C
525
   c #
   d #
          \isansd Mathematical Sans-Serif Italic Small D
526
527
    e #
          \isanse Mathematical Sans-Serif Italic Small E
    f #
          \isansf Mathematical Sans-Serif Italic Small F
528
    g #
          \isansg Mathematical Sans-Serif Italic Small G
529
    h #
          \isansh Mathematical Sans-Serif Italic Small H
530
531
    i #
          ∖isansi Mathematical Sans-Serif Italic Small I
532
    .j #
          \isansj Mathematical Sans-Serif Italic Small J
533
    k #
          \isansk Mathematical Sans-Serif Italic Small K
    1 #
          \isansl Mathematical Sans-Serif Italic Small L
534
    m #
          \isansm Mathematical Sans-Serif Italic Small M
535
    n #
          \isansn Mathematical Sans-Serif Italic Small N
536
    0 #
          \isanso Mathematical Sans-Serif Italic Small O
537
538
    p #
          \isansp Mathematical Sans-Serif Italic Small P
    q #
          \isansq Mathematical Sans-Serif Italic Small Q
539
540
   r #
          \isansr Mathematical Sans-Serif Italic Small R
          \isanss Mathematical Sans-Serif Italic Small S
    S #
541
          \isanst Mathematical Sans-Serif Italic Small
542
    t #
    u #
          \isansu Mathematical Sans-Serif Italic Small U
543
    V #
          \isansv Mathematical Sans-Serif Italic Small V
544
          \isansw Mathematical Sans-Serif Italic Small W
    W #
545
   X #
          \isansx Mathematical Sans-Serif Italic Small X
546
547
    y #
          \isansv Mathematical Sans-Serif Italic Small Y
   Z #
          \isansz Mathematical Sans-Serif Italic Small Z
548
                       Mathematical Sans-Serif Bold Italic Capital A
549
    A #
          \bisansA
   B #
          \bisansB
                       Mathematical Sans-Serif Bold Italic Capital B
550
    C #
          \bisansC
                       Mathematical Sans-Serif Bold Italic Capital C
551
   D #
                       Mathematical Sans-Serif Bold Italic Capital D
          \bisansD
552
    E #
                       Mathematical Sans-Serif Bold Italic Capital E
553
          \bisansE
   F #
          \bisansF
                       Mathematical Sans-Serif Bold Italic Capital F
554
555
   G #
          \bisansG
                       Mathematical Sans-Serif Bold Italic Capital G
   H #
                       Mathematical Sans-Serif Bold Italic Capital H
          \bisansH
556
                       Mathematical Sans-Serif Bold Italic Capital I
   1 #
557
          \bisansI
   J #
558
          \bisansJ
                       Mathematical Sans-Serif Bold Italic Capital J
   K #
          \bisansK
                       Mathematical Sans-Serif Bold Italic Capital K
559
   L #
                       Mathematical Sans-Serif Bold Italic Capital L
560
          \bisansL
                      Mathematical Sans-Serif Bold Italic Capital M
561 M #
          \bisansM
```

```
N #
          \bisansN
                       Mathematical Sans-Serif Bold Italic Capital N
562
    0 #
                       Mathematical Sans-Serif Bold Italic Capital O
563
          \bisans0
564
    P #
          \bisansP
                       Mathematical Sans-Serif Bold Italic Capital P
    Q #
                       Mathematical Sans-Serif Bold Italic Capital Q
565
          \bisans0
    R #
          \bisansR
                       Mathematical Sans-Serif Bold Italic Capital R
566
    S #
          \bisansS
                       Mathematical Sans-Serif Bold Italic Capital S
    T #
          \bisansT
                       Mathematical Sans-Serif Bold Italic Capital T
568
    U #
                       Mathematical Sans-Serif Bold Italic Capital U
569
          \bisansU
    V #
          \bisansV
                       Mathematical Sans-Serif Bold Italic Capital V
570
    W #
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                       Mathematical Sans-Serif Bold Italic Capital W
   X #
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                       Mathematical Sans-Serif Bold Italic Capital X
572
                       Mathematical Sans-Serif Bold Italic Capital Y
   Y #
          \bisansY
573
    Z #
                       Mathematical Sans-Serif Bold Italic Capital Z
          \bisansZ
574
575
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    b #
                       Mathematical Sans-Serif Bold Italic Small B
          \bisansb
576
    c #
          \bisansc
                       Mathematical Sans-Serif Bold Italic Small C
577
   d #
          \bisansd
                       Mathematical Sans-Serif Bold Italic Small D
578
          \bisanse
    e #
                       Mathematical Sans-Serif Bold Italic Small E
579
   f #
                       Mathematical Sans-Serif Bold Italic Small F
580
          \bisansf
581
    g #
          \bisansg
                       Mathematical Sans-Serif Bold Italic Small G
    h #
          \bisansh
                       Mathematical Sans-Serif Bold Italic Small H
582
   i #
          \bisansi
                       Mathematical Sans-Serif Bold Italic Small I
583
                       Mathematical Sans-Serif Bold Italic Small J
    .j #
          \bisansj
584
                       Mathematical Sans-Serif Bold Italic Small K
    k #
585
          \bisansk
   / #
586
          \bisansl
                       Mathematical Sans-Serif Bold Italic Small L
587
   m #
          \bisansm
                       Mathematical Sans-Serif Bold Italic Small M
    n #
                       Mathematical Sans-Serif Bold Italic Small N
          \bisansn
588
    0 #
                       Mathematical Sans-Serif Bold Italic Small O
          \bisanso
589
    p #
          \bisansp
                       Mathematical Sans-Serif Bold Italic Small P
590
    q #
                       Mathematical Sans-Serif Bold Italic Small Q
591
          \bisansq
592
    r #
          \bisansr
                       Mathematical Sans-Serif Bold Italic Small R
   s #
          \bisanss
                       Mathematical Sans-Serif Bold Italic Small S
593
    t #
          \bisanst
                       Mathematical Sans-Serif Bold Italic Small T
594
                       Mathematical Sans-Serif Bold Italic Small U
   u #
595
          \bisansu
                       Mathematical Sans-Serif Bold Italic Small V
596
    v #
          \bisansv
    W #
          \bisansw
                       Mathematical Sans-Serif Bold Italic Small W
597
    x #
          \bisansx
                       Mathematical Sans-Serif Bold Italic Small X
598
    y #
                       Mathematical Sans-Serif Bold Italic Small Y
          \bisansy
599
   Z #
          \bisansz
                       Mathematical Sans-Serif Bold Italic Small Z
600
   A #
                   Mathematical Monospace Capital A
601
          \ttA
602
   B #
          \ttB
                   Mathematical Monospace Capital B
    C #
          \ttC
                   Mathematical Monospace Capital C
603
604
    D #
          \ttD
                   Mathematical Monospace Capital D
    E #
          \ttE
605
                   Mathematical Monospace Capital E
   F #
          \ttF
                   Mathematical Monospace Capital F
606
    G #
          \ttG
607
                   Mathematical Monospace Capital G
608 H #
          \ttH
                   Mathematical Monospace Capital H
609
   I #
          \ttI
                   Mathematical Monospace Capital I
   J #
          \ttJ
                   Mathematical Monospace Capital J
610
   K #
          \ttK
                   Mathematical Monospace Capital K
611
612 L #
          \ttL
                   Mathematical Monospace Capital L
   M #
          \ttM
                   Mathematical Monospace Capital M
613
614 N #
          \ttN
                   Mathematical Monospace Capital N
                   Mathematical Monospace Capital O
615 0 #
          \tt0
```

```
\ttP
                   Mathematical Monospace Capital P
616 P #
    0 #
617
          \ttQ
                   Mathematical Monospace Capital O
   R #
          \ttR
                   Mathematical Monospace Capital R
618
619
   S #
          \ttS
                   Mathematical Monospace Capital S
    T #
          \ttT
                   Mathematical Monospace Capital T
620
    U #
          \ttU
                   Mathematical Monospace Capital U
621
    V #
          \ttV
                   Mathematical Monospace Capital V
622
    W #
623
          \ttW
                   Mathematical Monospace Capital W
   X #
          \ttX
                   Mathematical Monospace Capital X
624
625 Y #
          \ttY
                   Mathematical Monospace Capital Y
626 Z #
          \ttZ
                   Mathematical Monospace Capital Z
   a #
          \tta
                   Mathematical Monospace Small A
627
628 b #
          \ttb
                   Mathematical Monospace Small B
629
   C #
          \ttc
                   Mathematical Monospace Small C
    d #
          \ttd
                   Mathematical Monospace Small D
630
   e #
          \tte
                   Mathematical Monospace Small E
631
632 f #
          \ttf
                   Mathematical Monospace Small F
633
   g #
          \ttg
                   Mathematical Monospace Small G
                   Mathematical Monospace Small H
   h #
634
          \tth
635
   i #
          \tti
                   Mathematical Monospace Small I
    j #
                   Mathematical Monospace Small J
636
          \ttj
    k #
          \ttk
                   Mathematical Monospace Small K
637
    1 #
          \ttl
                   Mathematical Monospace Small L
638
639
   m #
          \ttm
                   Mathematical Monospace Small M
640
   n #
          \ttn
                   Mathematical Monospace Small N
   0 #
          \tto
                   Mathematical Monospace Small O
641
    p #
          \ttp
                   Mathematical Monospace Small P
642
   q #
          \ttq
                   Mathematical Monospace Small Q
643
   r #
          \ttr
                   Mathematical Monospace Small R
644
          \tts
645
   s #
                   Mathematical Monospace Small S
646
   t #
          \ttt
                   Mathematical Monospace Small
647 u #
          \ttu
                   Mathematical Monospace Small U
   v #
          \ttv
                   Mathematical Monospace Small V
648
   W #
          \ttw
                   Mathematical Monospace Small W
649
                   Mathematical Monospace Small X
650
   x #
          \ttx
   у #
          \tty
                   Mathematical Monospace Small Y
651
   Z #
          \ttz
                   Mathematical Monospace Small Z
652
    1 #
                       Mathematical Italic Small Dotless I
          \itimath
653
   1 #
          \itjmath
                       Mathematical Italic Small Dotless J
654
   A #
          \bfAlpha
                       Mathematical Bold Capital Alpha
656 B #
          \bfBeta Mathematical Bold Capital Beta
   Γ#
                       Mathematical Bold Capital Gamma
657
          \bfGamma
658
   Δ #
          \bfDelta
                       Mathematical Bold Capital Delta
   E #
          \bfEpsilon Mathematical Bold Capital Epsilon
   Z #
          \bfZeta Mathematical Bold Capital Zeta
660
    H #
661
          \bfEta Mathematical Bold Capital Eta
662 O #
          \bfTheta
                       Mathematical Bold Capital Theta
663
   I #
          \bfIota Mathematical Bold Capital Iota
664 K #
                       Mathematical Bold Capital Kappa
          \bfKappa
   Λ #
          \bfLambda
                       Mathematical Bold Capital Lamda
665
666 M #
                  Mathematical Bold Capital Mu
          \bfMu
667
   N #
          \bfNu
                   Mathematical Bold Capital Nu
   Ξ #
          \bfXi
                   Mathematical Bold Capital Xi
668
          \bfOmicron Mathematical Bold Capital Omicron
669 0 #
```

```
\bfPi Mathematical Bold Capital Pi
670 ∏ #
   P #
          \bfRho Mathematical Bold Capital Rho
    Θ #
          \bfvarTheta Mathematical Bold Capital Theta Symbol
672
    Σ #
          \bfSigma
                      Mathematical Bold Capital Sigma
    T #
          \bfTau Mathematical Bold Capital Tau
674
   Υ #
          \bfUpsilon Mathematical Bold Capital Upsilon
    Φ #
          \bfPhi Mathematical Bold Capital Phi
676
    X #
677
          \bfChi
                  Mathematical Bold Capital Chi
   Ψ#
          \bfPsi Mathematical Bold Capital Psi
678
   Ω #
          \bfOmega
                      Mathematical Bold Capital Omega
680 V #
          \bfnabla
                      Mathematical Bold Nabla
   α #
          \bfalpha
                      Mathematical Bold Small Alpha
681
682 β #
          \bfbeta Mathematical Bold Small Beta
   γ #
                      Mathematical Bold Small Gamma
683
          \bfgamma
    δ #
                      Mathematical Bold Small Delta
          \bfdelta
684
   ε #
          \bfepsilon Mathematical Bold Small Epsilon
685
686 ζ #
          \bfzeta Mathematical Bold Small Zeta
687
   η#
          \bfeta Mathematical Bold Small Eta
   θ #
                      Mathematical Bold Small Theta
688
          \bftheta
689
    L #
          \bfiota Mathematical Bold Small Iota
690 κ #
                      Mathematical Bold Small Kappa
          \bfkappa
691 λ #
          \bflambda
                      Mathematical Bold Small Lamda
    \mu #
                  Mathematical Bold Small Mu
692
          \bfmu
693 v #
          \bfnu
                  Mathematical Bold Small Nu
694 ξ #
          \bfxi
                  Mathematical Bold Small Xi
695 0 #
          \bfomicron Mathematical Bold Small Omicron
                  Mathematical Bold Small Pi
696 π #
          \bfpi
   ρ #
          \bfrho Mathematical Bold Small Rho
697
   5 #
          \bfvarsigma Mathematical Bold Small Final Sigma
698
   σ #
699
          \bfsigma
                      Mathematical Bold Small Sigma
700
    τ #
          \bftau Mathematical Bold Small Tau
   υ#
          \bfupsilon Mathematical Bold Small Upsilon
701
   φ #
                      Mathematical Bold Small Phi
702
          \bfvarphi
          \bfchi Mathematical Bold Small Chi
703
   χ #
          \bfpsi Mathematical Bold Small Psi
    w #
704
   ω #
                      Mathematical Bold Small Omega
705
          \bfomega
   9 #
706
          \bfpartial Mathematical Bold Partial Differential
   € #
707
          \bfvarepsilon
                          Mathematical Bold Epsilon Symbol
708 \vartheta #
          \bfvartheta Mathematical Bold Theta Symbol
709 × #
          \bfvarkappa Mathematical Bold Kappa Symbol
   ф #
          \bfphi Mathematical Bold Phi Symbol
710
    0 #
711
          \bfvarrho
                      Mathematical Bold Rho Symbol
   @ #
                      Mathematical Bold Pi Symbol
          \bfvarpi
712
713 A #
          \itAlpha
                      Mathematical Italic Capital Alpha
714 B #
          \itBeta Mathematical Italic Capital Beta
715 Γ #
          \itGamma
                      Mathematical Italic Capital Gamma
716 ∆ #
          \itDelta
                      Mathematical Italic Capital Delta
717
   E #
          \itEpsilon Mathematical Italic Capital Epsilon
   Z #
          \itZeta Mathematical Italic Capital Zeta
718
719 H #
          \itEta Mathematical Italic Capital Eta
720 Θ #
          \itTheta
                      Mathematical Italic Capital Theta
   I #
          \itIota Mathematical Italic Capital Iota
721
722 K #
          \itKappa
                      Mathematical Italic Capital Kappa
723 \Lambda #
          \itLambda Mathematical Italic Capital Lamda
```

```
724 M #
          \itMu Mathematical Italic Capital Mu
725 N #
          \itNu
                  Mathematical Italic Capital Nu
726 E #
          \itXi
                  Mathematical Italic Capital Xi
727
   0 #
          \itOmicron Mathematical Italic Capital Omicron
728 ∏ #
          \itPi
                  Mathematical Italic Capital Pi
   P #
729
          \itRho Mathematical Italic Capital Rho
   Θ#
          \itvarTheta Mathematical Italic Capital Theta Symbol
730
    Σ #
731
          \itSigma
                      Mathematical Italic Capital Sigma
732 T #
          \itTau Mathematical Italic Capital Tau
733 Y #
          \itUpsilon Mathematical Italic Capital Upsilon
734 Φ #
          \itPhi Mathematical Italic Capital Phi
735
   X #
          \itChi Mathematical Italic Capital Chi
736 Ψ #
          \itPsi Mathematical Italic Capital Psi
737 Ω #
          \itOmega
                      Mathematical Italic Capital Omega
   ∇ #
          \itnabla
738
                      Mathematical Italic Nabla
   α #
          \italpha
                      Mathematical Italic Small Alpha
739
740 B #
          \itbeta Mathematical Italic Small Beta
741 \nu #
          \itgamma
                      Mathematical Italic Small Gamma
742 \delta #
                      Mathematical Italic Small Delta
          \itdelta
743 E #
          \itepsilon Mathematical Italic Small Epsilon
744 ζ #
          \itzeta Mathematical Italic Small Zeta
745 n #
          \iteta Mathematical Italic Small Eta
   \theta #
                      Mathematical Italic Small Theta
746
          \ittheta
747 L #
          \itiota Mathematical Italic Small Iota
748 K #
          \itkappa
                      Mathematical Italic Small Kappa
749 λ #
          \itlambda
                      Mathematical Italic Small Lamda
                Mathematical Italic Small Mu
750
   \mu #
          \itmu
751 V #
                  Mathematical Italic Small Nu
          \itnu
752 € #
          \itxi
                  Mathematical Italic Small Xi
753 o #
          \itomicron Mathematical Italic Small Omicron
754 \pi #
          \itpi
                  Mathematical Italic Small Pi
755 ρ #
          \itrho Mathematical Italic Small Rho
          \itvarsigma Mathematical Italic Small Final Sigma
756 Ç #
757 σ #
                      Mathematical Italic Small Sigma
          \itsigma
758 T#
          \ittau Mathematical Italic Small Tau
759 v #
          \itupsilon Mathematical Italic Small Upsilon
760
   φ#
          \itphi Mathematical Italic Small Phi
          \itchi Mathematical Italic Small Chi
   χ #
761
762 \psi #
          \itpsi Mathematical Italic Small Psi
763 \omega #
          \itomega
                      Mathematical Italic Small Omega
764 ∂ #
          \itpartial Mathematical Italic Partial Differential
765 € #
          \itvarepsilon
                         Mathematical Italic Epsilon Symbol
766 ∂ #
          \itvartheta Mathematical Italic Theta Symbol
767 × #
          \itvarkappa Mathematical Italic Kappa Symbol
   Φ #
                      Mathematical Italic Phi Symbol
          \itvarphi
768
769 o #
          \itvarrho
                      Mathematical Italic Rho Symbol
770 \omega #
          \itvarpi
                      Mathematical Italic Pi Symbol
771 A #
          \biAlpha
                      Mathematical Bold Italic Capital Alpha
772 B #
          \biBeta Mathematical Bold Italic Capital Beta
773 Γ #
          \biGamma
                      Mathematical Bold Italic Capital Gamma
774 1 #
          \biDelta
                      Mathematical Bold Italic Capital Delta
775 E #
          \biEpsilon Mathematical Bold Italic Capital Epsilon
776 Z #
          \biZeta Mathematical Bold Italic Capital Zeta
777 H #
         \biEta Mathematical Bold Italic Capital Eta
```

```
\biTheta Mathematical Bold Italic Capital Theta
778 0 #
   I #
          \biIota Mathematical Bold Italic Capital Iota
   K #
                      Mathematical Bold Italic Capital Kappa
780
          \biKappa
781
    Λ #
          \biLambda
                      Mathematical Bold Italic Capital Lamda
   M #
          \biMu
                 Mathematical Bold Italic Capital Mu
782
783 N #
          \biNu
                  Mathematical Bold Italic Capital Nu
   Ξ #
                  Mathematical Bold Italic Capital Xi
          \biXi
784
785
   0 #
          \biOmicron
                      Mathematical Bold Italic Capital Omicron
786 ∏ #
          \biPi
                Mathematical Bold Italic Capital Pi
787 P #
          \biRho Mathematical Bold Italic Capital Rho
788 Θ #
          \bivarTheta Mathematical Bold Italic Capital Theta Symbol
789 \( \Sigma #
                      Mathematical Bold Italic Capital Sigma
          \biSigma
790 T #
          \biTau Mathematical Bold Italic Capital Tau
791 Y #
          \biUpsilon Mathematical Bold Italic Capital Upsilon
   Φ#
          \biPhi Mathematical Bold Italic Capital Phi
792
   X #
          \biChi
                  Mathematical Bold Italic Capital Chi
793
794 Ψ #
          \biPsi Mathematical Bold Italic Capital Psi
795 \Omega #
          \biOmega
                      Mathematical Bold Italic Capital Omega
796 V #
                      Mathematical Bold Italic Nabla
          \binabla
   a #
797
          \bialpha
                      Mathematical Bold Italic Small Alpha
    β #
          \bibeta Mathematical Bold Italic Small Beta
798
   y #
          \bigamma
                      Mathematical Bold Italic Small Gamma
799
   δ #
800
          \bidelta
                      Mathematical Bold Italic Small Delta
801 & #
          \biepsilon Mathematical Bold Italic Small Epsilon
802 🕻 #
          \bizeta Mathematical Bold Italic Small Zeta
   η #
          \bieta Mathematical Bold Italic Small Eta
803
                      Mathematical Bold Italic Small Theta
    \theta #
          \bitheta
804
   L #
          \biiota Mathematical Bold Italic Small Iota
806 K #
          \bikappa
                      Mathematical Bold Italic Small Kappa
807 λ #
          \bilambda
                      Mathematical Bold Italic Small Lamda
808 \mu #
          \bimu Mathematical Bold Italic Small Mu
809 v #
          \binu
                  Mathematical Bold Italic Small Nu
810 ξ #
                  Mathematical Bold Italic Small Xi
          \bixi
   o #
811
          \biomicron Mathematical Bold Italic Small Omicron
812 \pi #
                  Mathematical Bold Italic Small Pi
          \bipi
813 \rho #
          \birho Mathematical Bold Italic Small Rho
    ς #
          \bivarsigma Mathematical Bold Italic Small Final Sigma
814
                      Mathematical Bold Italic Small Sigma
815 σ #
          \bisigma
816 T #
          \bitau Mathematical Bold Italic Small Tau
817 v #
          \biupsilon Mathematical Bold Italic Small Upsilon
818 φ #
          \biphi Mathematical Bold Italic Small Phi
   X #
          \bichi Mathematical Bold Italic Small Chi
819
820 \psi #
          \bipsi Mathematical Bold Italic Small Psi
821 ω #
                      Mathematical Bold Italic Small Omega
          \biomega
822 0 #
          \bipartial Mathematical Bold Italic Partial Differential
823 € #
          \bivarepsilon
                          Mathematical Bold Italic Epsilon Symbol
824 \vartheta #
          \bivartheta Mathematical Bold Italic Theta Symbol
825 x #
          \bivarkappa Mathematical Bold Italic Kappa Symbol
826 ф #
          \bivarphi
                      Mathematical Bold Italic Phi Symbol
   0 #
          \bivarrho
                      Mathematical Bold Italic Rho Symbol
827
   @ #
                      Mathematical Bold Italic Pi Symbol
828
          \bivarpi
829 A #
          \bsansAlpha Mathematical Sans-Serif Bold Capital Alpha
830 B #
          \bsansBeta Mathematical Sans-Serif Bold Capital Beta
831 F #
          \bsansGamma Mathematical Sans-Serif Bold Capital Gamma
```

```
\bsansDelta Mathematical Sans-Serif Bold Capital Delta
833 E #
          \bsansEpsilon
                          Mathematical Sans-Serif Bold Capital Epsilon
834 Z #
          \bsansZeta Mathematical Sans-Serif Bold Capital Zeta
835 H #
                      Mathematical Sans-Serif Bold Capital Eta
          \bsansEta
836 O #
          \bsansTheta Mathematical Sans-Serif Bold Capital Theta
837 #
          \bsansIota Mathematical Sans-Serif Bold Capital Iota
838 K #
          \bsansKappa Mathematical Sans-Serif Bold Capital Kappa
   \ #
839
          \bsansLambda
                          Mathematical Sans-Serif Bold Capital Lamda
840 M #
                     Mathematical Sans-Serif Bold Capital Mu
          \bsansMu
841 N #
          \bsansNu
                      Mathematical Sans-Serif Bold Capital Nu
842 = #
                      Mathematical Sans-Serif Bold Capital Xi
          \bsansXi
   0 #
          \bsansOmicron
                          Mathematical Sans-Serif Bold Capital Omicron
843
Mathematical Sans-Serif Bold Capital Pi
          \bsansPi
845 P #
                      Mathematical Sans-Serif Bold Capital Rho
          \bsansRho
   Θ #
          \bsansvarTheta Mathematical Sans-Serif Bold Capital Theta Symbol
846
   Σ #
          \bsansSigma Mathematical Sans-Serif Bold Capital Sigma
847
848 T #
                     Mathematical Sans-Serif Bold Capital Tau
          \bsansTau
849 T #
          \bsansUpsilon
                          Mathematical Sans-Serif Bold Capital Upsilon
                     Mathematical Sans-Serif Bold Capital Phi
850 Φ #
          \bsansPhi
851 X #
          \bsansChi
                      Mathematical Sans-Serif Bold Capital Chi
852 Ψ #
          \bsansPsi
                     Mathematical Sans-Serif Bold Capital Psi
853 Ω #
          \bsansOmega Mathematical Sans-Serif Bold Capital Omega
   V #
          \bsansnabla Mathematical Sans-Serif Bold Nabla
854
855 α #
          \bsansalpha Mathematical Sans-Serif Bold Small Alpha
856 B #
          \bsansbeta Mathematical Sans-Serif Bold Small Beta
857 % #
          \bsansgamma Mathematical Sans-Serif Bold Small Gamma
858 \delta #
          \bsansdelta Mathematical Sans-Serif Bold Small Delta
859 € #
          \bsansepsilon
                          Mathematical Sans-Serif Bold Small Epsilon
860 \( \) #
          \bsanszeta Mathematical Sans-Serif Bold Small Zeta
   η #
                      Mathematical Sans-Serif Bold Small Eta
861
          \bsanseta
862
   θ #
          \bsanstheta Mathematical Sans-Serif Bold Small Theta
863 L #
          \bsansiota Mathematical Sans-Serif Bold Small Iota
864 K #
          \bsanskappa Mathematical Sans-Serif Bold Small Kappa
   λ #
                          Mathematical Sans-Serif Bold Small Lamda
          \bsanslambda
865
                      Mathematical Sans-Serif Bold Small Mu
866 µ #
          \bsansmu
867 v #
                      Mathematical Sans-Serif Bold Small Nu
          \bsansnu
   ξ#
                      Mathematical Sans-Serif Bold Small Xi
          \bsansxi
868
                          Mathematical Sans-Serif Bold Small Omicron
   o #
869
          \bsansomicron
870 π #
                     Mathematical Sans-Serif Bold Small Pi
          \bsanspi
   P #
871
          \bsansrho
                      Mathematical Sans-Serif Bold Small Rho
   S #
          \bsansvarsigma Mathematical Sans-Serif Bold Small Final Sigma
872
873
   σ#
          \bsanssigma Mathematical Sans-Serif Bold Small Sigma
874 t #
          \bsanstau
                     Mathematical Sans-Serif Bold Small Tau
   υ#
          \bsansupsilon
                          Mathematical Sans-Serif Bold Small Upsilon
875
                      Mathematical Sans-Serif Bold Small Phi
   φ #
          \bsansphi
876
877
   X #
          \bsanschi
                      Mathematical Sans-Serif Bold Small Chi
878 b #
                     Mathematical Sans-Serif Bold Small Psi
          \bsanspsi
          \bsansomega Mathematical Sans-Serif Bold Small Omega
879 \omega #
880 6 #
                          Mathematical Sans-Serif Bold Partial Differential
          \bsanspartial
881 € #
                              Mathematical Sans-Serif Bold Epsilon Symbol
          \bsansvarepsilon
882 9 #
          883 N #
          \bsansvarkappa Mathematical Sans-Serif Bold Kappa Symbol
884 • #
          \bsansvarphi
                          Mathematical Sans-Serif Bold Phi Symbol
          \bsansvarrho Mathematical Sans-Serif Bold Rho Symbol
885 @ #
```

```
\bsansvarpi Mathematical Sans-Serif Bold Pi Symbol
886
   A #
                         Mathematical Sans-Serif Bold Italic Capital Alpha
887
          \bisansAlpha
888
   B #
          \bisansBeta Mathematical Sans-Serif Bold Italic Capital Beta
   Γ#
                         Mathematical Sans-Serif Bold Italic Capital Gamma
889
          \bisansGamma
890 ▲ #
          \bisansDelta
                         Mathematical Sans-Serif Bold Italic Capital Delta
891 E #
          \bisansEpsilon Mathematical Sans-Serif Bold Italic Capital Epsilon
892 Z #
          \bisansZeta Mathematical Sans-Serif Bold Italic Capital Zeta
   H #
          \bisansEta Mathematical Sans-Serif Bold Italic Capital Eta
893
894 0 #
                         Mathematical Sans-Serif Bold Italic Capital Theta
          \bisansTheta
   1 #
          \bisansIota Mathematical Sans-Serif Bold Italic Capital Iota
896 K #
          \bisansKappa
                         Mathematical Sans-Serif Bold Italic Capital Kappa
   1 #
          \bisansLambda
                         Mathematical Sans-Serif Bold Italic Capital Lamda
897
898 M #
          \bisansMu
                     Mathematical Sans-Serif Bold Italic Capital Mu
899 N #
          \bisansNu
                     Mathematical Sans-Serif Bold Italic Capital Nu
   Ξ #
                     Mathematical Sans-Serif Bold Italic Capital Xi
          \bisansXi
900
   0 #
          \bisansOmicron Mathematical Sans-Serif Bold Italic Capital Omicron
901
Mathematical Sans-Serif Bold Italic Capital Pi
          \bisansPi
903 P #
          \bisansRho Mathematical Sans-Serif Bold Italic Capital Rho
904 0 #
          \bisansvarTheta Mathematical Sans-Serif Bold Italic Capital Theta Symbol
                         Mathematical Sans-Serif Bold Italic Capital Sigma
905 Σ #
          \bisansSigma
906 T #
          \bisansTau Mathematical Sans-Serif Bold Italic Capital Tau
   Υ #
          \bisansUpsilon Mathematical Sans-Serif Bold Italic Capital Upsilon
907
   Ф #
                     Mathematical Sans-Serif Bold Italic Capital Phi
908
          \bisansPhi
909 X #
          \bisansChi
                     Mathematical Sans-Serif Bold Italic Capital Chi
910 V #
          \bisansPsi Mathematical Sans-Serif Bold Italic Capital Psi
911 Ω #
          \bisansOmega
                         Mathematical Sans-Serif Bold Italic Capital Omega
912 V #
                         Mathematical Sans-Serif Bold Italic Nabla
          \bisansnabla
913 α #
                         Mathematical Sans-Serif Bold Italic Small Alpha
          \bisansalpha
914 B #
          \bisansbeta Mathematical Sans-Serif Bold Italic Small Beta
   7 #
                         Mathematical Sans-Serif Bold Italic Small Gamma
915
          \bisansgamma
916
   δ#
          \bisansdelta
                         Mathematical Sans-Serif Bold Italic Small Delta
917 & #
          \bisansepsilon Mathematical Sans-Serif Bold Italic Small Epsilon
918 ζ #
          \bisanszeta Mathematical Sans-Serif Bold Italic Small Zeta
   η #
          \bisanseta Mathematical Sans-Serif Bold Italic Small Eta
919
920 0 #
                         Mathematical Sans-Serif Bold Italic Small Theta
          \bisanstheta
   L #
          \bisansiota Mathematical Sans-Serif Bold Italic Small Iota
921
922 K #
          \bisanskappa
                         Mathematical Sans-Serif Bold Italic Small Kappa
   λ #
                         Mathematical Sans-Serif Bold Italic Small Lamda
          \bisanslambda
923
          \bisansmu
924 µ #
                     Mathematical Sans-Serif Bold Italic Small Mu
925 v #
                     Mathematical Sans-Serif Bold Italic Small Nu
          \bisansnu
926 ξ #
          \bisansxi
                     Mathematical Sans-Serif Bold Italic Small Xi
   o #
          \bisansomicron Mathematical Sans-Serif Bold Italic Small Omicron
927
928 π #
          \bisanspi
                     Mathematical Sans-Serif Bold Italic Small Pi
929
   ρ #
          \bisansrho Mathematical Sans-Serif Bold Italic Small Rho
   5 #
          \bisansvarsigma Mathematical Sans-Serif Bold Italic Small Final Sigma
930
931
   σ #
          \bisanssigma
                         Mathematical Sans-Serif Bold Italic Small Sigma
932 t #
          \bisanstau Mathematical Sans-Serif Bold Italic Small Tau
933 v #
          934 φ #
          \bisansphi Mathematical Sans-Serif Bold Italic Small Phi
                     Mathematical Sans-Serif Bold Italic Small Chi
935
   X #
          \bisanschi
936 4 #
          \bisanspsi Mathematical Sans-Serif Bold Italic Small Psi
937 ω #
          \bisansomega
                         Mathematical Sans-Serif Bold Italic Small Omega
938 8 #
          \bisanspartial Mathematical Sans-Serif Bold Italic Partial Differential
939 € #
          \bisansvarepsilon Mathematical Sans-Serif Bold Italic Epsilon Symbol
```

```
\bisansvartheta Mathematical Sans-Serif Bold Italic Theta Symbol
940 9 #
   и #
941
          \bisansvarkappa Mathematical Sans-Serif Bold Italic Kappa Symbol
942 ф #
          \bisansvarphi
                         Mathematical Sans-Serif Bold Italic Phi Symbol
943 p #
          \bisansvarrho
                          Mathematical Sans-Serif Bold Italic Rho Symbol
944 🛭 #
                          Mathematical Sans-Serif Bold Italic Pi Symbol
          \bisansvarpi
945 F #
          \bfDigamma Mathematical Bold Capital Digamma
   F #
          \bfdigamma Mathematical Bold Small Digamma
946
947
   0 #
          \bfzero Mathematical Bold Digit Zero
948 1 #
          \bfone Mathematical Bold Digit One
949 2 #
          \bftwo Mathematical Bold Digit Two
                      Mathematical Bold Digit Three
950 3 #
          \bfthree
951 4 #
          \bffour Mathematical Bold Digit Four
952 5 #
          \bffive Mathematical Bold Digit Five
953 6 #
          \bfsix Mathematical Bold Digit Six
954 7 #
          \bfseven
                      Mathematical Bold Digit Seven
955 8 #
          \bfeight
                      Mathematical Bold Digit Eight
956 9 #
          \bfnine Mathematical Bold Digit Nine
957 🛈 #
          \bbzero Mathematical Double-Struck Digit Zero
          \bbone Mathematical Double-Struck Digit One
958 1 #
959 2 #
          \bbtwo Mathematical Double-Struck Digit Two
960 3 #
          \bbthree
                      Mathematical Double-Struck Digit Three
961 4 #
          \bbfour Mathematical Double-Struck Digit Four
   5 #
          \bbfive Mathematical Double-Struck Digit Five
962
963 6 #
          \bbsix Mathematical Double-Struck Digit Six
964 7 #
          \bbseven
                     Mathematical Double-Struck Digit Seven
965 8 #
          \bbeight
                      Mathematical Double-Struck Digit Eight
966 9 #
          \bbnine Mathematical Double-Struck Digit Nine
967 0 #
          \sanszero Mathematical Sans-Serif Digit Zero
968 1 #
                      Mathematical Sans-Serif Digit One
          \sansone
969 2 #
                      Mathematical Sans-Serif Digit Two
          \sanstwo
970 3 #
          \sansthree Mathematical Sans-Serif Digit Three
971 4 #
          \sansfour
                      Mathematical Sans-Serif Digit Four
972 5 #
          \sansfive
                      Mathematical Sans-Serif Digit Five
973 6 #
                      Mathematical Sans-Serif Digit Six
          \sanssix
   7 #
          \sansseven Mathematical Sans-Serif Digit Seven
974
975 8 #
          \sanseight
                     Mathematical Sans-Serif Digit Eight
   9 #
          \sansnine
                      Mathematical Sans-Serif Digit Nine
976
   0 #
          \bsanszero Mathematical Sans-Serif Bold Digit Zero
977
978 1 #
          \bsansone
                      Mathematical Sans-Serif Bold Digit One
979 2 #
          \bsanstwo
                      Mathematical Sans-Serif Bold Digit Two
980 3 #
          \bsansthree Mathematical Sans-Serif Bold Digit Three
981 4 #
          \bsansfour Mathematical Sans-Serif Bold Digit Four
982 5 #
          \bsansfive Mathematical Sans-Serif Bold Digit Five
983 6 #
          \bsanssix
                      Mathematical Sans-Serif Bold Digit Six
   7 #
          \bsansseven Mathematical Sans-Serif Bold Digit Seven
984
985
   8 #
          \bsanseight Mathematical Sans-Serif Bold Digit Eight
986 9 #
          \bsansnine Mathematical Sans-Serif Bold Digit Nine
987 0 #
          \ttzero Mathematical Monospace Digit Zero
988 1 #
          \ttone Mathematical Monospace Digit One
989 2 #
          \tttwo Mathematical Monospace Digit Two
990 3 #
          \ttthree
                      Mathematical Monospace Digit Three
   4 #
          \ttfour Mathematical Monospace Digit Four
991
    5 #
          \ttfive Mathematical Monospace Digit Five
992
993 6 #
         \ttsix Mathematical Monospace Digit Six
```

```
994 7 # \ttseven Mathematical Monospace Digit Seven
995 8 # \tteight Mathematical Monospace Digit Eight
996 9 # \ttnine Mathematical Monospace Digit Nine
```

## 5 Zero-padded 6-digit hex (emoji)

```
\:mahjong: Mahjong Tile Red Dragon
   中 #
 1
   ¥ #
          \:black_joker: Playing Card Black Joker
2
                  Negative Squared Latin Capital Letter A
3
   A #
          \:a:
   B #
          \:b:
                  Negative Squared Latin Capital Letter B
4
   o #
          \:02:
                  Negative Squared Latin Capital Letter O
5
   P #
          \:parking: Negative Squared Latin Capital Letter P
   AB #
7
          \:ab:
                  Negative Squared Ab
   CL #
8
          \:cl:
                  Squared Cl
         \:cool: Squared Cool
9
   · #
  FREE #
          \:free: Squared Free
10
   ID #
                  Squared Id
          \:id:
11
   NEW #
         \:new:
                 Squared New
12
   NG #
                  Squared Ng
13
          \:ng:
   ок #
         \:ok:
                  Squared Ok
14
   sos #
         \:sos:
                  Squared Sos
15
          \:up:
                  Squared Up With Exclamation Mark
16
   UP! #
   vs #
          \: VS:
                  Squared Vs
17
18 🕮 #
          \:koko: Squared Katakana Koko
19
  ₩ #
          \:sa:
                  Squared Katakana Sa
   2 #
          \:u7121:
                      Squared Cjk Unified Ideograph-7121
20
   ? #
         \:u6307:
                      Squared Cjk Unified Ideograph-6307
   2 #
         \:u7981:
                      Squared Cjk Unified Ideograph-7981
22
   ? #
                      Squared Cjk Unified Ideograph-7A7A
23
          \:u7a7a:
24
   ? #
         \:u5408:
                      Squared Cjk Unified Ideograph-5408
25
  2 #
          \:u6e80:
                      Squared Cjk Unified Ideograph-6E80
   ? #
         \:u6709:
                      Squared Cjk Unified Ideograph-6709
26
   2 #
          \:u6708:
                      Squared Cjk Unified Ideograph-6708
27
   ? #
                      Squared Cjk Unified Ideograph-7533
          \:u7533:
28
29
   ? #
         \:u5272:
                      Squared Cjk Unified Ideograph-5272
   ? #
          \:u55b6:
                      Squared Cjk Unified Ideograph-55B6
30
   ? #
          \:ideograph_advantage: Circled Ideograph Advantage
31
32 2 #
          \:accept:
                      Circled Ideograph Accept
33 2 #
          \:cyclone:
                      Cyclone
   ? #
                      Foggy
34
          \:foggy:
35
   ? #
          \:closed_umbrella: Closed Umbrella
   ? #
          \:night_with_stars: Night With Stars
36
37
   ? #
         \:sunrise_over_mountains:
                                       Sunrise Over Mountains
   ? #
          \:sunrise: Sunrise
38
39
   ? #
          \:city_sunset: Cityscape At Dusk
   ? #
40
         \:city_sunrise: Sunset Over Buildings
   ? #
          \:rainbow: Rainbow
41
42
   ? #
         \:bridge_at_night: Bridge At Night
   ? #
         \:ocean:
                      Water Wave
43
   2 #
          \:volcano: Volcano
44
   ? #
45
          \:milky_way: Milky Way
```

```
\:earth_africa: Earth Globe Europe-Africa
   2 #
46
   2 #
         \:earth_americas: Earth Globe Americas
47
   ? #
         \:earth_asia: Earth Globe Asia-Australia
48
         \:globe_with_meridians: Globe With Meridians
   ? #
49
   ? #
         \:new_moon: New Moon Symbol
50
   ? #
         \:waxing_crescent_moon: Waxing Crescent Moon Symbol
   ? #
         \:first_quarter_moon: First Quarter Moon Symbol
52
   ? #
53
         \:moon: Waxing Gibbous Moon Symbol
54
   ? #
         \:full_moon: Full Moon Symbol
   ? #
         \:waning_gibbous_moon: Waning Gibbous Moon Symbol
55
   ? #
                                 Last Quarter Moon Symbol
         \:last_quarter_moon:
56
   2 #
         \:waning_crescent_moon: Waning Crescent Moon Symbol
57
   2 #
         \:crescent_moon:
                            Crescent Moon
58
   ? #
59
         \:new_moon_with_face:
                                 New Moon With Face
         \:first_quarter_moon_with_face: First Quarter Moon With Face
   ? #
60
         \:last_quarter_moon_with_face: Last Quarter Moon With Face
   2 #
61
   2 #
         \:full_moon_with_face: Full Moon With Face
62
         \:sun_with_face: Sun With Face
  ? #
63
                     Glowing Star
64
   2 #
         \:star2:
65
   ? #
         \:stars:
                      Shooting Star
   ? #
         \:chestnut: Chestnut
   ? #
         \:seedling: Seedling
67
                              Evergreen Tree
   ? #
         \:evergreen_tree:
68
   ? #
         \:deciduous_tree:
                              Deciduous Tree
69
   ? #
         \:palm_tree:
                        Palm Tree
   ? #
         \:cactus:
                     Cactus
71
                     Tulip
   ? #
         \:tulip:
72
         \:cherry_blossom:
                              Cherry Blossom
   ? #
73
   2 #
         \:rose: Rose
74
   ? #
         \:hibiscus: Hibiscus
75
76
   ? #
         \:sunflower:
                         Sunflower
   ? #
         \:blossom: Blossom
77
   ? #
         \:corn: Ear Of Maize
78
         \:ear_of_rice: Ear Of Rice
   ? #
79
         \:herb: Herb
   2 #
80
   2 #
         \:four_leaf_clover: Four Leaf Clover
81
         \:maple_leaf: Maple Leaf
   ? #
82
         \:fallen_leaf: Fallen Leaf
   ? #
83
   ? #
         \:leaves: Leaf Fluttering In Wind
84
   ? #
85
         \:mushroom: Mushroom
   ? #
         \:tomato:
                     Tomato
86
   ? #
         \:eggplant: Aubergine
87
   ? #
         \:grapes:
                     Grapes
88
   ? #
                     Melon
         \:melon:
89
   ? #
         \:watermelon:
                         Watermelon
90
91
   2 #
         \:tangerine:
                         Tangerine
   ? #
         \:lemon:
                    Lemon
92
93
   2 #
         \:banana:
                     Banana
   ? #
         \:pineapple: Pineapple
94
   2 #
         \:apple:
                     Red Apple
95
         \:green_apple: Green Apple
   ? #
96
97
   2 #
         \:pear: Pear
   ? #
                     Peach
         \:peach:
98
         \:cherries: Cherries
   2 #
```

```
\:strawberry: Strawberry
100 ? #
101 7 #
          \:hamburger:
                          Hamburger
102 3 #
                    Slice Of Pizza
          \:pizza:
   ? #
          \:meat_on_bone: Meat On Bone
103
104
   ? #
          \:poultry_leg: Poultry Leg
   ? #
          \:rice_cracker: Rice Cracker
105
   ? #
          \:rice_ball:
                          Rice Ball
106
   ? #
107
          \:rice: Cooked Rice
          \:curry:
108 2 #
                     Curry And Rice
109 ? #
          \:ramen:
                      Steaming Bowl
110 7 #
                          Spaghetti
          \:spaghetti:
   2 #
          \:bread:
                     Bread
111
112 7 #
                      French Fries
          \:fries:
113 ? #
          \:sweet_potato: Roasted Sweet Potato
   ? #
          \:dango:
                     Dango
114
115 ? #
          \:oden: Oden
116 2 #
          \:sushi:
                    Sushi
117 ? #
          \:fried_shrimp: Fried Shrimp
          \:fish_cake: Fish Cake With Swirl Design
   2 #
118
119 2 #
          \:icecream: Soft Ice Cream
120 2 #
          \:shaved_ice: Shaved Ice
   ? #
          \:ice_cream:
                         Ice Cream
121
          \:doughnut: Doughnut
   ? #
122
123 ? #
          \:cookie: Cookie
124 ? #
          \:chocolate_bar:
                              Chocolate Bar
125 ? #
          \:candy: Candy
   2 #
          \:lollipop: Lollipop
126
   2 #
          \:custard: Custard
127
128 2 #
          \:honey_pot:
                        Honey Pot
   ? #
          \:cake: Shortcake
129
130 ? #
          \:bento:
                     Bento Box
131 ? #
          \:stew: Pot Of Food
          \:egg: Cooking
132 ? #
          \:fork_and_knife:
                              Fork And Knife
133 ? #
134 ? #
          \:tea: Teacup Without Handle
135 ? #
          \:sake: Sake Bottle And Cup
136 2 #
          \:wine_glass: Wine Glass
   2 #
          \:cocktail: Cocktail Glass
137
138 ? #
          \:tropical_drink: Tropical Drink
139 ? #
          \:beer: Beer Mug
                     Clinking Beer Mugs
140 ? #
          \:beers:
   ? #
          \:baby_bottle: Baby Bottle
141
142 ? #
          \:ribbon: Ribbon
143 2 #
          \:gift: Wrapped Present
   ? #
          \:birthday: Birthday Cake
144
   ? #
                              Jack-O-Lantern
145
          \:jack_o_lantern:
146 ? #
          \:christmas_tree:
                              Christmas Tree
147 ? #
          \:santa:
                    Father Christmas
148 ? #
          \:fireworks: Fireworks
          \:sparkler: Firework Sparkler
149 2 #
150 2 #
          \:balloon: Balloon
151 ? #
          \:tada: Party Popper
          \:confetti_ball: Confetti Ball
   ? #
152
153 ? #
         \:tanabata_tree: Tanabata Tree
```

```
\:crossed_flags: Crossed Flags
154 ? #
155 2 #
          \:bamboo: Pine Decoration
156 ? #
          \:dolls:
                      Japanese Dolls
   ? #
157
          \:flags:
                      Carp Streamer
   2 #
          \:wind_chime: Wind Chime
158
   ? #
                         Moon Viewing Ceremony
          \:rice_scene:
159
   ? #
          \:school_satchel:
                             School Satchel
160
   ? #
161
          \:mortar_board: Graduation Cap
162 ? #
          \:carousel_horse: Carousel Horse
163 2 #
          \:ferris_wheel: Ferris Wheel
   2 #
          \:roller_coaster: Roller Coaster
164
   ? #
          \:fishing_pole_and_fish: Fishing Pole And Fish
165
166 ? #
          \:microphone: Microphone
167
   ? #
          \:movie_camera: Movie Camera
   ? #
          \:cinema: Cinema
168
   ? #
          \:headphones:
                         Headphone
169
170 2 #
          \:art: Artist Palette
171 ? #
          \:tophat:
                    Top Hat
   2 #
          \:circus_tent: Circus Tent
172
173
   ? #
          \:ticket: Ticket
   2 #
174
          \:clapper: Clapper Board
   ? #
          \:performing_arts: Performing Arts
175
   ? #
176
          \:video_game: Video Game
177
   ? #
          \:dart: Direct Hit
178 2 #
          \:slot_machine: Slot Machine
179
   ? #
          \:8ball:
                    Billiards
   2 #
          \:game_die: Game Die
180
181 7 #
          \:bowling: Bowling
182 2 #
          \:flower_playing_cards: Flower Playing Cards
   ? #
          \:musical_note: Musical Note
183
184
   2 #
          \:notes: Multiple Musical Notes
185 2 #
          \:saxophone:
                          Saxophone
186 ? #
          \:guitar: Guitar
   ? #
          \:musical_keyboard: Musical Keyboard
187
   2 #
188
          \:trumpet: Trumpet
   ? #
          \:violin:
                     Violin
189
   ? #
          \:musical_score:
                              Musical Score
190
   ? #
          \:running_shirt_with_sash: Running Shirt With Sash
191
192 7 #
          \:tennis: Tennis Racquet And Ball
193 ? #
          \:ski: Ski And Ski Boot
194
   ? #
          \:basketball:
                        Basketball And Hoop
   ? #
          \:checkered_flag: Chequered Flag
195
196
   ? #
          \:snowboarder: Snowboarder
   2 #
197
          \:runner: Runner
   ? #
          \:surfer:
                      Surfer
198
199
   ? #
          \:trophv:
                      Trophy
200 2 #
          \:horse_racing: Horse Racing
201 2 #
          \:football: American Football
          \:rugby_football:
   ? #
                              Rugby Football
202
   ? #
203
          \:swimmer: Swimmer
204 🛚 #
          \:house:
                      House Building
   ? #
          \:house_with_garden:
                                 House With Garden
205
   2 #
          \:office: Office Building
206
207 7 #
          \:post_office: Japanese Post Office
```

```
\:european_post_office: European Post Office
208
209 7 #
          \:hospital: Hospital
          \:bank: Bank
210 2 #
   2 #
          \:atm: Automated Teller Machine
211
212 7 #
          \:hotel:
                     Hotel
213 ? #
          \:love_hotel: Love Hotel
   2 #
          \:convenience_store: Convenience Store
214
   2 #
                     School
215
          \:school:
216 ? #
          \:department_store: Department Store
217 ? #
          \:factory: Factory
\:izakaya_lantern: Izakaya Lantern
          \:japanese_castle: Japanese Castle
219
   ? #
220 7 #
          \:european_castle: European Castle
         \:skin-tone-2: Emoji Modifier Fitzpatrick Type-1-2
221 ? #
          \:skin-tone-3: Emoji Modifier Fitzpatrick Type-3
222
   2 #
223 2 #
          \:skin-tone-4: Emoji Modifier Fitzpatrick Type-4
224 7 #
          \:skin-tone-5: Emoji Modifier Fitzpatrick Type-5
          \:skin-tone-6: Emoji Modifier Fitzpatrick Type-6
225 7 #
   ? #
          \:rat: Rat
226
   ? #
          \:mouse2:
227
                     Mouse
228 2 #
          \:ox: Ox
          \:water_buffalo:
                              Water Buffalo
   2 #
229
   ? #
          \:cow2: Cow
230
                     Tiger
231 🙎 #
          \:tiger2:
232 ? #
          \:leopard: Leopard
233 🛚 #
          \:rabbit2: Rabbit
   2 #
          \:cat2: Cat
234
235 🛚 #
          \:dragon: Dragon
236 2 #
         \:crocodile: Crocodile
          \:whale2:
   ? #
                     Whale
237
238 ? #
          \:snail:
                      Snail
239 🛚 #
          \:snake:
                     Snake
          \:racehorse:
240 🛚 #
          \:ram: Ram
241 7 #
          \:goat: Goat
242 7 #
243 2 #
          \:sheep:
                     Sheep
244 2 #
         \:monkey:
                     Monkey
   ? #
          \:rooster: Rooster
245
246 🛚 #
          \:chicken: Chicken
247 ? #
          \:dog2: Dog
248 ? #
          \:pig2: Pig
   2 #
          \:boar: Boar
249
250 ? #
          \:elephant: Elephant
251 ? #
         \:octopus: Octopus
252 ? #
          \:shell:
                      Spiral Shell
253 ? #
          \:bug: Bug
254 ? #
          \:ant: Ant
255 ? #
          \:bee: Honeybee
256 🙎 #
          \:beetle: Lady Beetle
   ? #
          \:fish: Fish
257
258 2 #
          \:tropical_fish:
                              Tropical Fish
259 ? #
         \:blowfish: Blowfish
   ? #
          \:turtle:
                     Turtle
260
261 7 #
         \:hatching_chick: Hatching Chick
```

```
\:baby_chick: Baby Chick
262 7 #
263 2 #
          \:hatched_chick: Front-Facing Baby Chick
264 🛚 #
          \:bird: Bird
   ? #
265
          \:penguin: Penguin
266 ? #
          \:koala:
                      Koala
   2 #
          \:poodle:
                      Poodle
267
    ? #
          \:dromedary_camel: Dromedary Camel
268
   2 #
269
          \:camel:
                      Bactrian Camel
270 2 #
          \:dolphin: Dolphin
271 ? #
          \:mouse:
                      Mouse Face
   ? #
          \:cow: Cow Face
272
273
    2 #
          \:tiger:
                      Tiger Face
   2 #
                      Rabbit Face
          \:rabbit:
274
275
   ? #
          \:cat: Cat Face
276
    ? #
          \:dragon_face: Dragon Face
277
   ? #
          \:whale:
                      Spouting Whale
278 🙎 #
          \:horse:
                      Horse Face
279 2 #
          \:monkey_face: Monkey Face
   2 #
          \:dog: Dog Face
280
   2 #
          \:pig: Pig Face
281
   2 #
          \:frog: Frog Face
282
   ? #
          \:hamster: Hamster Face
283
          \:wolf: Wolf Face
   2 #
284
          \:bear: Bear Face
285 🙎 #
286 ? #
          \:panda_face: Panda Face
287
   ? #
          \:pig_nose: Pig Nose
   2 #
          \:feet: Paw Prints
288
   ? #
          \:eyes: Eyes
289
   2 #
          \:ear: Ear
290
          \:nose: Nose
   ? #
291
292 ? #
          \:lips: Mouth
293 2 #
          \:tongue:
                     Tongue
                          White Up Pointing Backhand Index
294 🛚 #
          \:point_up_2:
                          White Down Pointing Backhand Index
   ? #
          \:point_down:
295
   ? #
          \:point_left:
                          White Left Pointing Backhand Index
296
297 7 #
          \:point_right: White Right Pointing Backhand Index
298
   2 #
          \:facepunch:
                          Fisted Hand Sign
   ? #
          \:wave: Waving Hand Sign
299
300 2 #
          \:ok_hand: Ok Hand Sign
301 ? #
                Thumbs Up Sign
          \:+1:
302
   ? #
          \:-1:
                  Thumbs Down Sign
    ? #
          \:clap: Clapping Hands Sign
303
304
   ? #
          \:open_hands: Open Hands Sign
   ? #
305
          \:crown:
                      Crown
   ? #
          \:womans_hat:
                          Womans Hat
306
   2 #
307
          \:eveglasses:
                          Eveglasses
308 7 #
          \:necktie: Necktie
          \:shirt:
309 2 #
                      T-Shirt
310 ? #
          \:jeans:
                      Jeans
311 ? #
          \:dress:
                      Dress
312 2 #
                      Kimono
          \:kimono:
313 ? #
          \:bikini:
                      Bikini
314 ? #
          \:womans_clothes:
                               Womans Clothes
```

315 2 #

\:purse: Purse

```
\:handbag: Handbag
316 ? #
317 2 #
          \:pouch:
                     Pouch
318 2 #
          \:mans_shoe:
                         Mans Shoe
319
   ? #
          \:athletic_shoe: Athletic Shoe
320
   ? #
          \:high_heel: High-Heeled Shoe
   ? #
          \:sandal: Womans Sandal
321
   ? #
          \:boot: Womans Boots
322
   ? #
          \:footprints: Footprints
323
324 ? #
          \:bust_in_silhouette: Bust In Silhouette
325 2 #
          \:busts_in_silhouette: Busts In Silhouette
   2 #
          \:boy: Boy
326
          \:girl: Girl
327
   2 #
328 2 #
          \:man: Man
   ? #
329
          \:woman:
                      Woman
   ? #
          \:family:
                     Family
330
331 ? #
          \:couple:
                     Man And Woman Holding Hands
332 2 #
          \:two_men_holding_hands: Two Men Holding Hands
          \:two_women_holding_hands: Two Women Holding Hands
333 2 #
   2 #
          \:cop: Police Officer
334
335 2 #
          \:dancers: Woman With Bunny Ears
336 2 #
          \:bride_with_veil: Bride With Veil
          \:person_with_blond_hair: Person With Blond Hair
   ? #
337
          \:man_with_gua_pi_mao: Man With Gua Pi Mao
   ? #
338
          \:man_with_turban: Man With Turban
339 ? #
340 2 #
          \:older_man: Older Man
          \:older_woman: Older Woman
341 ? #
   2 #
342
          \:baby: Baby
          \:construction_worker: Construction Worker
343 2 #
344 ? #
          \:princess: Princess
   ? #
345
          \:japanese_ogre:
                              Japanese Ogre
346 ? #
          \:japanese_goblin: Japanese Goblin
347 2 #
          \:ghost:
                     Ghost
348 2 #
          \:angel:
                     Baby Angel
   ? #
                     Extraterrestrial Alien
          \:alien:
349
350 2 #
          \:space_invader: Alien Monster
351 ? #
          \:imp: Imp
352 7 #
          \:skull:
                      Skull
   2 #
          \:information_desk_person: Information Desk Person
353
          \:guardsman: Guardsman
354 ? #
355 2 #
          \:dancer: Dancer
          \:lipstick: Lipstick
356 ? #
   ? #
          \:nail_care: Nail Polish
357
          \:massage: Face Massage
358 ? #
   ? #
          \:haircut: Haircut
359
   ? #
                      Barber Pole
          \:barber:
360
361
   2 #
          \:syringe: Syringe
362 2 #
          \:pill: Pill
363 2 #
          \:kiss: Kiss Mark
364 2 #
          \:love_letter: Love Letter
   ? #
          \:ring: Ring
365
366 2 #
          \:gem: Gem Stone
367
   2 #
          \:couplekiss: Kiss
   ? #
          \:bouquet: Bouquet
368
         \:couple_with_heart: Couple With Heart
369 2 #
```

```
\:wedding: Wedding
370 ? #
   2 #
371
          \:heartbeat:
                          Beating Heart
372 2 #
          \:broken_heart: Broken Heart
   2 #
373
          \:two_hearts: Two Hearts
   ? #
          \:sparkling_heart: Sparkling Heart
374
   ? #
          \:heartpulse: Growing Heart
375
   ? #
          \:cupid:
                      Heart With Arrow
376
   ? #
377
          \:blue_heart:
                          Blue Heart
          \:green_heart: Green Heart
   ? #
378
379 2 #
          \:yellow_heart: Yellow Heart
   2 #
          \:purple_heart: Purple Heart
380
   ? #
          \:gift_heart: Heart With Ribbon
381
382 7 #
          \:revolving_hearts: Revolving Hearts
383 2 #
          \:heart_decoration: Heart Decoration
          \:diamond_shape_with_a_dot_inside: Diamond Shape With A Dot Inside
   ? #
384
   2 #
          \:bulb: Electric Light Bulb
385
386 2 #
          \:anger:
                      Anger Symbol
387 2 #
          \:bomb: Bomb
   2 #
          \:zzz: Sleeping Symbol
388
389 7 #
          \:boom: Collision Symbol
390 2 #
          \:sweat_drops: Splashing Sweat Symbol
   ? #
          \:droplet: Droplet
391
   ? #
          \:dash: Dash Symbol
392
393 ? #
          \:hankey: Pile Of Poo
394 ? #
          \:muscle:
                     Flexed Biceps
395 2 #
          \:dizzy:
                      Dizzy Symbol
\:speech_balloon: Speech Balloon
          \:thought_balloon: Thought Balloon
397 🛚 #
398 2 #
          \:white_flower: White Flower
   ? #
          \:100: Hundred Points Symbol
399
400 ? #
          \:moneybag: Money Bag
401 2 #
          \:currency_exchange:
                                  Currency Exchange
402 7 #
          \:heavy_dollar_sign:
                                 Heavy Dollar Sign
403 7 #
          \:credit_card: Credit Card
404 ? #
          \:yen: Banknote With Yen Sign
405 2 #
          \:dollar:
                      Banknote With Dollar Sign
406 2 #
          \:euro: Banknote With Euro Sign
   2 #
                      Banknote With Pound Sign
          \:pound:
407
408 7 #
          \:money_with_wings: Money With Wings
409 7 #
          \:chart:
                      Chart With Upwards Trend And Yen Sign
410 ? #
          \:seat: Seat
   ? #
          \:computer: Personal Computer
411
                         Briefcase
412 ? #
          \:briefcase:
413 2 #
          \:minidisc: Minidisc
414 ? #
          \:floppy_disk: Floppy Disk
415 ? #
          \:cd:
                  Optical Disc
416 2 #
          \:dvd: Dvd
417 2 #
          \:file_folder: File Folder
418 ? #
          \:open_file_folder: Open File Folder
419 ? #
          \:page_with_curl:
                              Page With Curl
420 2 #
          \:page_facing_up:
                              Page Facing Up
421 ? #
          \:date: Calendar
   ? #
          \:calendar: Tear-Off Calendar
422
423 ? #
         \:card_index: Card Index
```

```
\:chart_with_upwards_trend: Chart With Upwards Trend
424 ? #
425 2 #
          \:chart_with_downwards_trend: Chart With Downwards Trend
426 7 #
          \:bar_chart:
                         Bar Chart
   ? #
427
          \:clipboard:
                         Clipboard
428 7 #
          \:pushpin: Pushpin
429 7 #
          \:round_pushpin:
                             Round Pushpin
430 2 #
          \:paperclip:
                        Paperclip
   2 #
431
          \:straight_ruler:
                             Straight Ruler
432 2 #
          \:triangular_ruler: Triangular Ruler
433 2 #
          \:bookmark_tabs:
                              Bookmark Tabs
434 2 #
          \:ledger: Ledger
   ? #
          \:notebook: Notebook
435
436 2 #
          \:notebook_with_decorative_cover: Notebook With Decorative Cover
437 ? #
         \:closed_book: Closed Book
   ? #
          \:book: Open Book
438
439 2 #
          \:green_book: Green Book
440 2 #
          \:blue_book:
                         Blue Book
          \:orange_book: Orange Book
441 ? #
442 2 #
          \:books:
                    Books
443 ? #
          \:name_badge: Name Badge
444 2 #
         \:scroll:
                     Scroll
445 7 #
          \:memo: Memo
   ? #
          \:telephone_receiver: Telephone Receiver
446
                     Pager
447 2 #
          \:pager:
448 ? #
          \:fax: Fax Machine
449 ? #
          \:satellite:
                        Satellite Antenna
   2 #
          \:loudspeaker: Public Address Loudspeaker
450
451 7 #
          \:mega: Cheering Megaphone
452 7 #
          \:outbox_tray: Outbox Tray
453 7 #
          \:inbox_tray:
                         Inbox Tray
454 ? #
          \:package: Package
455 2 #
          \:e-mail: E-Mail Symbol
456 ? #
          \:incoming_envelope: Incoming Envelope
          \:envelope_with_arrow: Envelope With Downwards Arrow Above
   2 #
457
458 ? #
          \:mailbox_closed: Closed Mailbox With Lowered Flag
459 🛚 #
          \:mailbox: Closed Mailbox With Raised Flag
460 2 #
         \:mailbox_with_mail: Open Mailbox With Raised Flag
   ? #
          \:mailbox_with_no_mail: Open Mailbox With Lowered Flag
461
462 7 #
          \:postbox: Postbox
463 ? #
          \:postal_horn: Postal Horn
464 ? #
          \:newspaper:
                         Newspaper
   ? #
          \:iphone: Mobile Phone
465
466 ? #
          \:calling: Mobile Phone With Rightwards Arrow At Left
467 2 #
          \:vibration_mode:
                             Vibration Mode
   ? #
          \:mobile_phone_off: Mobile Phone Off
468
469
   2 #
          \:no_mobile_phones: No Mobile Phones
470 2 #
          \:signal_strength: Antenna With Bars
          \:camera: Camera
471 ? #
472 2 #
          \:video_camera: Video Camera
473 2 #
                Television
          \:tv:
474 2 #
                     Radio
          \:radio:
475 2 #
         \:vhs: Videocassette
476 2 #
          \:twisted_rightwards_arrows: Twisted Rightwards Arrows
477 ? #
         \:repeat: Clockwise Rightwards And Leftwards Open Circle Arrows
```

```
\:repeat_one: Clockwise Rightwards And Leftwards Open Circle Arrows, Circled One
478 ? #
479 2 #
          \:arrows_clockwise: Clockwise Downwards And Upwards Open Circle Arrows
480 2 #
          \:arrows_counterclockwise: Anticlockwise Downwards And Upwards Open Circle Arrows
481
   ? #
          \:low_brightness: Low Brightness Symbol
482 7 #
          \:high_brightness: High Brightness Symbol
483 2 #
          \:mute: Speaker With Cancellation Stroke
   ? #
          \:speaker: Speaker
484
   ? #
          \:sound:
                      Speaker With One Sound Wave
485
486 2 #
          \:loud_sound:
                          Speaker With Three Sound Waves
487 7 #
          \:battery: Battery
   2 #
          \:electric_plug:
                              Electric Plug
488
          \:mag: Left-Pointing Magnifying Glass
   ? #
489
490 7 #
                         Right-Pointing Magnifying Glass
          \:mag_right:
          \:lock_with_ink_pen: Lock With Ink Pen
491 ? #
492
   ? #
          \:closed_lock_with_key: Closed Lock With Key
493 2 #
          \:key: Key
494 🛚 #
          \:lock: Lock
495 2 #
                     Open Lock
          \:unlock:
   ? #
          \:bell: Bell
496
497 7 #
          \:no_bell: Bell With Cancellation Stroke
498 🙎 #
          \:bookmark: Bookmark
   2 #
          \:link: Link Symbol
499
   2 #
          \:radio_button: Radio Button
500
501 ? #
          \:back: Back With Leftwards Arrow Above
502 2 #
          \:end: End With Leftwards Arrow Above
503 2 #
          \:on:
                 On With Exclamation Mark With Left Right Arrow Above
   2 #
504
          \:soon: Soon With Rightwards Arrow Above
505 7 #
          \:top: Top With Upwards Arrow Above
506 2 #
          \:underage: No One Under Eighteen Symbol
   ? #
507
          \:keycap_ten:
                         Keycap Ten
          \:capital_abcd: Input Symbol For Latin Capital Letters
508 7 #
509 2 #
          \:abcd: Input Symbol For Latin Small Letters
510 2 #
          \:1234: Input Symbol For Numbers
          \:symbols: Input Symbol For Symbols
511 ? #
512 ? #
          \:abc: Input Symbol For Latin Letters
513 ? #
          \:fire: Fire
514 ? #
          \:flashlight:
                          Electric Torch
   2 #
          \:wrench:
                      Wrench
515
516 ? #
          \:hammer:
                      Hammer
517 ? #
          \:nut_and_bolt: Nut And Bolt
518 ? #
          \:hocho:
                     Hocho
   ? #
          \:gun: Pistol
519
520 ? #
          \:microscope:
                          Microscope
521 2 #
          \:telescope:
                          Telescope
522 ? #
          \:crystal_ball: Crystal Ball
          \:six_pointed_star: Six Pointed Star With Middle Dot
523 🖫 #
524 2 #
          \:beginner: Japanese Symbol For Beginner
525 2 #
          \:trident: Trident Emblem
526 🛚 #
          \:black_square_button: Black Square Button
          \:white_square_button: White Square Button
   ? #
527
528 2 #
                         Large Red Circle
          \:red_circle:
529 ? #
          \:large_blue_circle:
                                 Large Blue Circle
530 2 #
          \:large_orange_diamond: Large Orange Diamond
         \:large_blue_diamond: Large Blue Diamond
531 ? #
```

```
\:small_orange_diamond: Small Orange Diamond
532
   ? #
533 [] #
          \:small_blue_diamond:
                                   Small Blue Diamond
534 ? #
          \:small_red_triangle:
                                  Up-Pointing Red Triangle
          \:small_red_triangle_down: Down-Pointing Red Triangle
   ? #
536 ? #
          \:arrow_up_small: Up-Pointing Small Red Triangle
   ? #
          \:arrow_down_small: Down-Pointing Small Red Triangle
537
    ? #
          \:clock1:
                      Clock Face One Oclock
538
   ? #
          \:clock2:
                      Clock Face Two Oclock
539
540 ? #
          \:clock3:
                      Clock Face Three Oclock
541 ? #
          \:clock4:
                      Clock Face Four Oclock
   2 #
                      Clock Face Five Oclock
          \:clock5:
542
                      Clock Face Six Oclock
   ? #
          \:clock6:
543
544 ? #
          \:clock7:
                      Clock Face Seven Oclock
          \:clock8:
                      Clock Face Eight Oclock
545 ? #
   ? #
          \:clock9:
                      Clock Face Nine Oclock
546
   2 #
          \:clock10:
                      Clock Face Ten Oclock
547
548 ? #
          \:clock11: Clock Face Eleven Oclock
549 ? #
          \:clock12:
                      Clock Face Twelve Oclock
   2 #
          \:clock130: Clock Face One-Thirty
550
551 ? #
          \:clock230: Clock Face Two-Thirty
552 2 #
          \:clock330: Clock Face Three-Thirty
   ? #
          \:clock430: Clock Face Four-Thirty
553
   ? #
          \:clock530: Clock Face Five-Thirty
554
555 ? #
          \:clock630: Clock Face Six-Thirty
556 2 #
          \:clock730: Clock Face Seven-Thirty
557
   ? #
          \:clock830: Clock Face Eight-Thirty
558
   ? #
          \:clock930: Clock Face Nine-Thirty
559
   ? #
          \:clock1030: Clock Face Ten-Thirty
   ? #
          \:clock1130:
                          Clock Face Eleven-Thirty
560
   ? #
561
          \:clock1230:
                          Clock Face Twelve-Thirty
562 ? #
          \:mount_fuji:
                          Mount Fuji
563 2 #
          \:tokyo_tower: Tokyo Tower
564 ? #
          \:statue_of_liberty:
                                  Statue Of Liberty
                      Silhouette Of Japan
   2 #
          \:japan:
565
566 ? #
          \:moyai:
                      Moyai
567 2 #
          \:grinning: Grinning Face
   ? #
          \:grin: Grinning Face With Smiling Eyes
568
    ? #
          \:joy: Face With Tears Of Joy
569
                      Smiling Face With Open Mouth
570 ? #
          \:smiley:
   2 #
                      Smiling Face With Open Mouth And Smiling Eyes
571
572
   ? #
          \:sweat_smile: Smiling Face With Open Mouth And Cold Sweat
573
   ? #
          \:laughing: Smiling Face With Open Mouth And Tightly-Closed Eyes
574
   ? #
          \:innocent: Smiling Face With Halo
   2 #
          \:smiling_imp: Smiling Face With Horns
575
    ? #
          \:wink: Winking Face
576
577
    2 #
          \:blush:
                      Smiling Face With Smiling Eyes
578 2 #
          \:yum: Face Savouring Delicious Food
579 2 #
          \:relieved: Relieved Face
   ? #
                          Smiling Face With Heart-Shaped Eyes
          \:heart_eyes:
580
                          Smiling Face With Sunglasses
   ? #
581
          \:sunglasses:
582 🛚 #
          \:smirk:
                      Smirking Face
   ? #
          \:neutral_face: Neutral Face
583
    ? #
          \:expressionless:
                               Expressionless Face
584
585 3 #
          \:unamused: Unamused Face
```

```
\:sweat: Face With Cold Sweat
586
   2 #
587 🙎 #
          \:pensive: Pensive Face
588 ? #
          \:confused: Confused Face
589
   ? #
          \:confounded:
                        Confounded Face
590 ? #
          \:kissing: Kissing Face
591 ? #
          \:kissing_heart:
                            Face Throwing A Kiss
   ? #
          \:kissing_smiling_eyes: Kissing Face With Smiling Eyes
592
          \:kissing_closed_eyes: Kissing Face With Closed Eyes
   ? #
593
594 ? #
          \:stuck_out_tongue: Face With Stuck-Out Tongue
595 ? #
          \:stuck_out_tongue_winking_eye: Face With Stuck-Out Tongue And Winking Eye
   ? #
          \:stuck_out_tongue_closed_eyes: Face With Stuck-Out Tongue And Tightly-Closed Eyes
596
   ? #
          \:disappointed: Disappointed Face
597
598 2 #
          \:worried: Worried Face
599 ? #
          \:angry:
                      Angry Face
   ? #
          \:rage: Pouting Face
600
601 ? #
          \:cry: Crying Face
602 7 #
                        Persevering Face
          \:persevere:
          \:triumph: Face With Look Of Triumph
603 7 #
   2 #
          \:disappointed_relieved: Disappointed But Relieved Face
604
605 7 #
          \:frowning: Frowning Face With Open Mouth
606 2 #
          \:anguished:
                        Anguished Face
   2 #
          \:fearful: Fearful Face
607
   ? #
608
          \:wearv:
                      Weary Face
609 ? #
          \:sleepy:
                      Sleepy Face
610 ? #
          \:tired_face: Tired Face
611 ? #
          \:grimacing:
                         Grimacing Face
612 ? #
          \:sob: Loudly Crying Face
613 7 #
          \:open_mouth:
                        Face With Open Mouth
614 ? #
          \:hushed:
                     Hushed Face
615 7 #
          \:cold_sweat: Face With Open Mouth And Cold Sweat
616 2 #
          \:scream:
                    Face Screaming In Fear
617 2 #
                        Astonished Face
          \:astonished:
618 ? #
          \:flushed: Flushed Face
          \:sleeping: Sleeping Face
619 7 #
620 2 #
          \:dizzy_face:
                         Dizzy Face
621 2 #
          \:no_mouth: Face Without Mouth
622 7 #
          \:mask: Face With Medical Mask
   ? #
                          Grinning Cat Face With Smiling Eyes
623
          \:smile_cat:
624 ? #
          \:joy_cat: Cat Face With Tears Of Joy
625 7 #
          \:smilev_cat:
                          Smiling Cat Face With Open Mouth
626 ? #
          \:heart_eyes_cat:
                             Smiling Cat Face With Heart-Shaped Eyes
   ? #
          \:smirk_cat: Cat Face With Wry Smile
627
628 ? #
          \:kissing_cat: Kissing Cat Face With Closed Eyes
629 2 #
          \:pouting_cat: Pouting Cat Face
630 2 #
          \:crying_cat_face: Crying Cat Face
631 7 #
          \:scream_cat: Weary Cat Face
632 7 #
          \:no_good: Face With No Good Gesture
633 2 #
          \:ok_woman: Face With Ok Gesture
634 ? #
          \:bow: Person Bowing Deeply
635 2 #
          \:see_no_evil: See-No-Evil Monkey
636 2 #
          \:hear_no_evil: Hear-No-Evil Monkey
637 2 #
          \:speak_no_evil:
                             Speak-No-Evil Monkey
   2 #
          \:raising_hand: Happy Person Raising One Hand
638
         \:raised_hands: Person Raising Both Hands In Celebration
```

```
\:person_frowning: Person Frowning
640 ? #
641 2 #
          \:person_with_pouting_face: Person With Pouting Face
642 7 #
          \:pray: Person With Folded Hands
   ? #
643
          \:rocket:
                    Rocket
644 2 #
          \:helicopter: Helicopter
645 2 #
          \:steam_locomotive: Steam Locomotive
646 ? #
          \:railway_car: Railway Car
   2 #
647
          \:bullettrain_side: High-Speed Train
648 ? #
          \:bullettrain_front: High-Speed Train With Bullet Nose
649 🛚 #
          \:train2:
                     Train
650 2 #
                     Metro
          \:metro:
          \:light_rail: Light Rail
651 ? #
652 7 #
          \:station: Station
653 7 #
         \:tram: Tram
   2 #
          \:train:
                    Tram Car
654
655 2 #
          \:bus: Bus
656 2 #
          \:oncoming_bus: Oncoming Bus
          \:trolleybus: Trolleybus
657 ? #
658 2 #
          \:busstop: Bus Stop
659 2 #
          \:minibus: Minibus
660 2 #
          \:ambulance: Ambulance
661 ? #
          \:fire_engine: Fire Engine
   2 #
662
          \:police_car:
                        Police Car
          \:oncoming_police_car: Oncoming Police Car
663 2 #
664 ? #
          \:taxi: Taxi
665 2 #
          \:oncoming_taxi:
                             Oncoming Taxi
666 2 #
          \:car: Automobile
667 7 #
          \:oncoming_automobile: Oncoming Automobile
668 2 #
         \:blue_car: Recreational Vehicle
   ? #
669
          \:truck:
                     Delivery Truck
670 2 #
          \:articulated_lorry:
                                Articulated Lorry
671 ? #
          \:tractor: Tractor
672 2 #
          \:monorail: Monorail
673 2 #
          \:mountain_railway: Mountain Railway
674 2 #
          \:suspension_railway: Suspension Railway
675 2 #
          \:mountain_cableway:
                                Mountain Cableway
676 2 #
          \:aerial_tramway: Aerial Tramway
   ? #
          \:ship: Ship
677
          \:rowboat: Rowboat
678 2 #
679 2 #
                        Speedboat
          \:speedboat:
680 2 #
          \:traffic_light:
                             Horizontal Traffic Light
          \:vertical_traffic_light: Vertical Traffic Light
   2 #
681
682 ? #
          \:construction: Construction Sign
683 2 #
          \:rotating_light: Police Cars Revolving Light
684 2 #
          \:triangular_flag_on_post: Triangular Flag On Post
685 7 #
          \:door: Door
686 2 #
          \:no_entry_sign:
                             No Entry Sign
687 2 #
          \:smoking: Smoking Symbol
688 🛚 #
          \:no_smoking: No Smoking Symbol
689 2 #
          \:put_litter_in_its_place: Put Litter In Its Place Symbol
690 2 #
         \:do_not_litter: Do Not Litter Symbol
691 ? #
         \:potable_water:
                            Potable Water Symbol
   2 #
         \:non-potable_water:
                                Non-Potable Water Symbol
692
693 ? #
         \:bike: Bicycle
```

```
694  #\:no_bicycles: No Bicycles
695 2 #
        \:bicyclist: Bicyclist
        \:mountain_bicyclist: Mountain Bicyclist
696 🖫 #
   2 #
        \:walking: Pedestrian
697
698 🛚 #
        \:no_pedestrians: No Pedestrians
699 🙎 #
        \:children_crossing: Children Crossing
700 2 #
        \:mens: Mens Symbol
   2 #
         \:womens: Womens Symbol
701
702 2 #
         \:restroom: Restroom
703 2 #
         \:baby_symbol: Baby Symbol
704 2 #
         \:toilet: Toilet
         \:wc: Water Closet
705 2 #
706 2 #
         \:shower: Shower
707 2 #
         \:bath: Bath
         \:bathtub: Bathtub
   ? #
708
         \:passport_control: Passport Control
709 2 #
710 2 #
         \:customs: Customs
711 ? #
        \:baggage_claim: Baggage Claim
712 7 #
        \:left_luggage: Left Luggage
```