

! ⠠ 2346 exclamation point
 " ⠠ 5 quotation marks, double quotes
 # ⠠ 3456 number sign, pound sign (weight)
 \$ ⠠ 1246 dollar sign
 % ⠠ 146 percent sign
 & ⠠ 12346 ampersand
 ' ⠠ 3 apostrophe, single quote
 (⠠ 12356 left parenthesis
) ⠠ 23456 right parenthesis
 * ⠠ 16 asterisk, multiplication sign

COMPUTER BRAILLE CODE

Print Braille Dots Meaning

54

+ ⠠ 346 plus sign
 , ⠠ 6 comma
 - ⠠ 36 hyphen, minus sign
 . ⠠ 46 period, decimal point
 / ⠠ 34 slash, division sign
 0 ⠠ 356 0
 1 ⠠ 2 1
 2 ⠠ 23 2
 3 ⠠ 25 3
 4 ⠠ 256 4
 5 ⠠ 26 5
 6 ⠠ 235 6
 7 ⠠ 2356 7

CBC SYMBOLS: ASCII ORDER

Print Braille Dots Meaning

55

8 ⠠ 236 8
 9 ⠠ 35 9
 : ⠠ 156 colon

; ⠠⠠⠠ 56 semicolon
 < ⠠⠠⠠ 126 less than
 = ⠠⠠⠠ 123456 equals
 > ⠠⠠⠠ 345 greater than
 ? ⠠⠠⠠ 1456 question mark
 @ ⠠⠠⠠ 4 at
 A ⠠⠠⠠ 1 A
 B ⠠⠠⠠ 12 B
 C ⠠⠠⠠ 14 C
 D ⠠⠠⠠ 145 D
 E ⠠⠠⠠ 15 E

COMPUTER BRAILLE CODE

Print Braille Dots Meaning

56

F ⠠⠠⠠ 124 F
 G ⠠⠠⠠ 1245 G
 H ⠠⠠⠠ 125 H
 I ⠠⠠⠠ 24 I
 J ⠠⠠⠠ 245 J
 K ⠠⠠⠠ 13 K
 L ⠠⠠⠠ 123 L
 M ⠠⠠⠠ 134 M
 N ⠠⠠⠠ 1345 N
 O ⠠⠠⠠ 135 O
 P ⠠⠠⠠ 1234 P
 Q ⠠⠠⠠ 12345 Q
 R ⠠⠠⠠ 1235 R
 S ⠠⠠⠠ 234 S

CBC SYMBOLS: ASCII ORDER

Print Braille Dots Meaning

57

T ⠠⠠⠠ 2345 T

U ⠠ 136 U
 V ⠠ 1236 V
 W ⠠ 2456 W
 X ⠠ 1346 X
 Y ⠠ 13456 Y
 Z ⠠ 1356 Z
 [⠠ 246 left bracket
 \ ⠠ 1256 backslash
] ⠠ 12456 right bracket
 8 ⠠ 45 up arrow/caret
 _ ⠠⠠ 456, 456 underscore
 ` ⠠⠠⠠ 456, 4 grave accent

COMPUTER BRAILLE CODE

Print Braille Dots Meaning

58

a ⠠ 1 a
 b ⠠ 12 b
 c ⠠ 14 c
 d ⠠ 145 d
 e ⠠ 15 e
 f ⠠ 124 f
 g ⠠ 1245 g
 h ⠠ 125 h
 i ⠠ 24 i
 j ⠠ 245 j
 k ⠠ 13 k
 l ⠠ 123 l
 m ⠠ 134 m
 n ⠠ 1345 n

CBC SYMBOLS: ASCII ORDER

Print Braille Dots Meaning

59

o ⠏⠗ 135 o
 p ⠏⠗⠕ 1234 p
 q ⠏⠗⠕⠗ 12345 q
 r ⠏⠗⠕ 1235 r
 s ⠏⠗⠕ 234 s
 t ⠏⠗⠕⠗ 2345 t
 u ⠏⠗⠕ 136 u
 v ⠏⠗⠕⠗ 1236 v
 w ⠏⠗⠕⠗⠕ 2456 w
 x ⠏⠗⠕⠗ 1346 x
 y ⠏⠗⠕⠗⠕⠗ 13456 y
 z ⠏⠗⠕⠗⠕ 1356 z

{ ⠏⠗⠕⠗⠕ 456, 246 left brace

| ⠏⠗⠕⠗⠕⠗ 456, 1256 vertical bar

COMPUTER BRAILLE CODE

Print Braille Dots Meaning

60

} ⠏⠗⠕⠗⠕⠗⠕ 456, 12456 right brace

~ ⠏⠗⠕⠗⠕⠗ 456, 45 tilde

Additional Computer Braille Code Symbols

Print Braille Dots Meaning

⠏⠗⠕⠗⠕⠗⠕ 456, 2346 transcriber's option symbol

⠏⠗⠕⠗⠕⠗ 456, 46 transcriber's option symbol

⠏⠗⠕⠗⠕⠗⠕ 456, 3456 half-line shift up

⠏⠗⠕⠗⠕⠗⠕ 456, 1456 half-line shift down

⠏⠗⠕⠗⠕⠗⠕ 456, 156 end half-line shift

⠏⠗⠕⠗⠕⠗⠕ 456, 1246 begin shape indicator

⠏⠗⠕⠗⠕⠗⠕ 456, 156 end shape indicator

⠏⠗⠕⠗⠕⠗⠕ 456, 346 begin Computer Braille Code

⠏⠗⠕⠗⠕⠗⠕ 456, 156 end Computer Braille Code

CBC SYMBOLS: ASCII ORDER

Print Braille Dots Meaning

61

- ⠠⠠ 456, 146 begin Nemeth Code
- ⠠⠠⠠ 456, 156 end Nemeth Code
- ⠠⠠⠠⠠ 456, 12346 continuation indicator
- ⠠⠠⠠⠠⠠ 456, 12356 reserved
- ⠠⠠⠠⠠⠠⠠ 456, 23456 reserved
- ⠠⠠⠠⠠⠠⠠⠠ 456, 123456 reserved
- ⠠⠠⠠ 456, 16 begin emphasis
- ⠠⠠⠠⠠ 456, 34 end emphasis
- ⠠⠠ 456 shift indicator, isolated lower-cell indicator
- ⠠⠠⠠⠠ 456, 345 caps lock indicator
- ⠠⠠⠠⠠ 456, 126 caps release indicator

⠠⠠⠠⠠⠠⠠ (space) 456,
 123456,
 123456, ...
 (space) countable spaces indicator

62 COMPUTER BRAILLE CODE

63

COMPUTER BRAILLE CODE SYMBOLS: BRAILLE ORDER

Note: Upper case letters may be transcribed as shown in the table, preceded by dots 456, or preceded by the caps lock indicator; applicable Computer Braille Code rules determine transcription method.

"Reserved" designates currently unassigned symbols which are reserved for future use.

Print Braille Dots Meaning

space

- A or a ⠠ 1 A or a
- B or b ⠠⠠ 12 B or b
- C or c ⠠⠠⠠ 14 C or c
- D or d ⠠⠠⠠⠠ 145 D or d
- E or e ⠠⠠⠠⠠⠠ 15 E or e
- F or f ⠠⠠⠠⠠⠠⠠ 124 F or f
- G or g ⠠⠠⠠⠠⠠⠠⠠ 1245 G or g
- H or h ⠠⠠⠠⠠⠠⠠⠠⠠ 125 H or h
- I or i ⠠⠠⠠⠠⠠⠠⠠⠠⠠ 24 I or i

J or j ⠠⠵ 245 J or j

K or k ⠠⠵⠗ 13 K or k

COMPUTER BRAILLE CODE

Print Braille Dots Meaning

64

L or l ⠠⠵⠇ 123 L or l

M or m ⠠⠵⠇⠄ 134 M or m

N or n ⠠⠵⠇⠄⠵ 1345 N or n

O or o ⠠⠵⠇⠄⠵⠗ 135 O or o

P or p ⠠⠵⠇⠄⠵⠗⠗ 1234 P or p

Q or q ⠠⠵⠇⠄⠵⠗⠗⠗ 12345 Q or q

R or r ⠠⠵⠇⠄⠵⠗⠗⠗⠗ 1235 R or r

S or s ⠠⠵⠇⠄⠵⠗⠗⠗⠗⠗ 234 S or s

T or t ⠠⠵⠇⠄⠵⠗⠗⠗⠗⠗⠗ 2345 T or t

U or u ⠠⠵⠇⠄⠵⠗⠗⠗⠗⠗⠗⠗ 136 U or u

V or v ⠠⠵⠇⠄⠵⠗⠗⠗⠗⠗⠗⠗⠗ 1236 V or v

X or x ⠠⠵⠇⠄⠵⠗⠗⠗⠗⠗⠗⠗⠗⠗ 1346 X or x

Y or y ⠠⠵⠇⠄⠵⠗⠗⠗⠗⠗⠗⠗⠗⠗⠗ 13456 Y or y

Z or z ⠠⠵⠇⠄⠵⠗⠗⠗⠗⠗⠗⠗⠗⠗⠗⠗ 1356 Z or z

CBC SYMBOLS: BRAILLE ORDER

Print Braille Dots Meaning

65

& ⠠⠵⠇⠄⠵⠗⠗⠗⠗⠗ 12346 ampersand

= ⠠⠵⠇⠄⠵⠗⠗⠗⠗⠗⠗⠗ 123456 equals

(⠠⠵⠇⠄⠵⠗⠗⠗⠗⠗⠗⠗⠗⠗ 12356 left parenthesis

! ⠠⠵⠇⠄⠵⠗⠗⠗⠗⠗⠗⠗⠗⠗⠗ 2346 exclamation point

) ⠠⠵⠇⠄⠵⠗⠗⠗⠗⠗⠗⠗⠗⠗⠗⠗ 23456 right parenthesis

* ⠠⠵⠇⠄⠵⠗⠗⠗⠗⠗⠗⠗⠗⠗⠗⠗⠗ 16 asterisk, multiplication sign

< ⠠⠵⠇⠄⠵⠗⠗⠗⠗⠗⠗⠗⠗⠗⠗⠗⠗ 126 less than

% ⠠⠵⠇⠄⠵⠗⠗⠗⠗⠗⠗⠗⠗⠗⠗⠗⠗⠗ 146 percent sign

? ⠠⠵⠇⠄⠵⠗⠗⠗⠗⠗⠗⠗⠗⠗⠗⠗⠗⠗ 1456 question mark

: ⠠⠵⠇⠄⠵⠗⠗⠗⠗⠗⠗⠗⠗⠗⠗⠗⠗⠗⠗ 156 colon

\$ ⠠ 1246 dollar sign

] ⠠ 12456 right bracket

\ ⠠ 1256 backslash

[⠠ 246 left bracket

COMPUTER BRAILLE CODE

Print Braille Dots Meaning

66

W or w ⠠ 2456 W or w

1 ⠠ 2 1

2 ⠠ 23 2

3 ⠠ 25 3

4 ⠠ 256 4

5 ⠠ 26 5

6 ⠠ 235 6

7 ⠠ 2356 7

8 ⠠ 236 8

9 ⠠ 35 9

0 ⠠ 356 0

/ ⠠ 34 slash, division sign

+ ⠠ 346 plus sign

⠠ 3456 number sign, pound sign (weight)

CBC SYMBOLS: BRAILLE ORDER

Print Braille Dots Meaning

67

> ⠠ 345 greater than

' ⠠ 3 apostrophe, single quote

- ⠠ 36 hyphen, minus sign

@ ⠠ 4 at

⠠ 45 up arrow/caret

⠠ 456 shift indicator, isolated lower-cell indicator

A ⠠ 456, 1 A

B ⠠ 456, 12 B

C ⠠⠠⠠ 456, 14 C

D ⠠⠠⠠⠠ 456, 145 D

E ⠠⠠⠠⠠⠠ 456, 15 E

F ⠠⠠⠠⠠⠠⠠ 456, 124 F

G ⠠⠠⠠⠠⠠⠠⠠ 456, 1245 G

COMPUTER BRAILLE CODE

Print Braille Dots Meaning

68

H ⠠⠠⠠⠠⠠ 456, 125 H

I ⠠⠠⠠⠠⠠⠠ 456, 24 I

J ⠠⠠⠠⠠⠠⠠⠠ 456, 245 J

K ⠠⠠⠠⠠⠠⠠⠠⠠ 456, 13 K

L ⠠⠠⠠⠠⠠⠠⠠⠠⠠ 456, 123 L

M ⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠ 456, 134 M

N ⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠ 456, 1345 N

O ⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠ 456, 135 O

P ⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠ 456, 1234 P

Q ⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠ 456, 12345 Q

R ⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠ 456, 1235 R

S ⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠ 456, 234 S

T ⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠ 456, 2345 T

U ⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠ 456, 136 U

CBC SYMBOLS: BRAILLE ORDER

Print Braille Dots Meaning

69

V ⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠ 456, 1236 V

X ⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠ 456, 1346 X

Y ⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠ 456, 13456 Y

Z ⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠ 456, 1356 Z

⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠ 456, 12346 continuation indicator

⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠ 456, 123456 reserved

⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠ (space)

456,
123456,
123456, ...

(space) countable spaces indicator

- ⠠⠠⠠ 456, 12356 reserved
- ⠠⠠⠠⠠ 456, 2346 transcriber's option symbol
- ⠠⠠⠠⠠⠠ 456, 23456 reserved
- ⠠⠠⠠⠠⠠⠠ 456, 16 begin emphasis
- ⠠⠠⠠⠠⠠⠠⠠ 456, 126 caps release indicator

COMPUTER BRAILLE CODE

Print Braille Dots Meaning

70

- ⠠⠠⠠⠠ 456, 146 begin Nemeth Code
- ⠠⠠⠠⠠⠠ 456, 1456 half-line shift down
- ⠠⠠⠠⠠⠠⠠ 456, 156 termination indicator
- ⠠⠠⠠⠠⠠⠠⠠ 456, 156 end Computer Braille Code
- ⠠⠠⠠⠠⠠⠠⠠⠠ 456, 156 end Nemeth Code
- ⠠⠠⠠⠠⠠⠠⠠⠠⠠ 456, 156 end shape indicator
- ⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠ 456, 156 end half-line shift
- ⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠ 456, 1246 begin shape indicator
- } ⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠ 456, 12456 right brace
- | ⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠ 456, 1256 vertical bar
- { ⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠ 456, 246 left brace
- W ⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠ 456, 2456 W

- ⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠ 456, 34 end emphasis

CBC SYMBOLS: BRAILLE ORDER

Print Braille Dots Meaning

71

- ⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠ 456, 346 begin Computer Braille Code
- ⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠ 456, 3456 half-line shift up
- ⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠ 456, 345 caps lock indicator
- ˘ ⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠ 456, 4 grave accent
- ˜ ⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠ 456, 45 tilde

- _ ⠠⠨ 456, 456 underscore
- ⠠⠨⠨ 456, 46 transcriber's option symbol
- . ⠠⠨⠨ 46 period, decimal point
- " ⠠⠨⠨ 5 quotation marks, double quotes
- ; ⠠⠨⠨ 56 semicolon
- , ⠠⠨⠨ 6 comma

72 COMPUTER BRAILLE CODE

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