

Nemeth Code Cheat Sheet

| Meaning | Braille Sign | Braille Example | Print Meaning |
|---------------------------------------|--------------|-----------------|---------------|
| 0 | ⠠ | ⠠⠠ | 0 |
| 1 | ⠡ | ⠡⠠ | 1 |
| 2 | ⠢ | ⠢⠠ | 2 |
| 3 | ⠣ | ⠣⠠ | 3 |
| 4 | ⠤ | ⠤⠠ | 4 |
| 5 | ⠥ | ⠥⠠ | 5 |
| 6 | ⠦ | ⠦⠠ | 6 |
| 7 | ⠧ | ⠧⠠ | 7 |
| 8 | ⠨ | ⠨⠠ | 8 |
| 9 | ⠩ | ⠩⠠ | 9 |
| baseline indicator | ⠠ | ⠠⠠⠠⠠⠠⠠ | $2x^2y$ |
| brackets closing | ⠠⠠ | ⠠⠠⠠⠠⠠⠠ | [0] |
| brackets opening | ⠠⠠ | ⠠⠠⠠⠠⠠⠠ | [0] |
| Capital sign | ⠠ | ⠠⠠⠠⠠⠠⠠ | Algebra |
| cent sign | ⠠⠠ | ⠠⠠⠠⠠ | 50¢ |
| comma | ⠠ | ⠠⠠⠠⠠⠠⠠ | 1,897 |
| curly brackets closing | ⠠⠠ | ⠠⠠⠠⠠⠠⠠ | {0} |
| curly brackets opening | ⠠⠠ | ⠠⠠⠠⠠⠠⠠ | {0} |
| decimal point | ⠠ | ⠠⠠⠠⠠ | 98.6 |
| divided by | ⠠⠠ | ⠠⠠⠠⠠⠠⠠ | $8 \div 2$ |
| dollar sign | ⠠⠠ | ⠠⠠⠠⠠⠠⠠ | \$10 |
| dot (multiplication) | ⠠ | ⠠⠠⠠⠠ | $5 * 6$ |
| English-letter indicator (lower case) | ⠠ | ⠠⠠ | A |

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|---|--------------|-------------------------|-----------------------------------|
| English-letter indicator (upper case) | ⠠ | ⠠⠠⠠ | A |
| equals | ⠐ | ⠐⠠⠠⠠⠠ | $x = 4$ |
| fraction indicator closing | ⠨ | ⠨⠠⠠⠠⠠⠠ | $\frac{1}{10}$ |
| fraction indicator opening | ⠠ | ⠠⠠⠠⠠⠠ | $\frac{5}{8}$ |
| fraction line | ⠨ | ⠨⠠⠠⠠⠠ | $\frac{1}{3}$ |
| fraction: bi-level diagonal-slash | ⠨⠠ | ⠨⠠⠠⠠⠠⠠ | $\frac{1}{4}$ |
| fraction: closing mixed-number fraction indicator | ⠨⠠ | ⠨⠠⠠⠠⠠⠠⠠⠠⠠ | $1\frac{1}{2}$ |
| fraction: complex fraction modifier | ⠨ | ⠨⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠ | $\frac{\frac{1}{2}}{\frac{3}{4}}$ |
| fraction: diagonal-slash fraction bar | ⠨⠠ | ⠨⠠⠠⠠⠠ | $1/4$ |
| fraction: horizontal fraction bar | ⠨ | ⠨⠠⠠⠠⠠ | $\frac{1}{4}$ |
| fraction: opening mixed-number fraction indicator | ⠨⠠ | ⠨⠠⠠⠠⠠⠠⠠⠠⠠ | $1\frac{1}{2}$ |
| greater than | ⠐ | ⠐⠠⠠⠠⠠ | $7 > 4$ |
| Greek-letter indicator (lower case) | ⠠ | ⠠⠠⠠ | δ |
| Greek-letter indicator (upper case) | ⠠ | ⠠⠠⠠ | Δ |
| grouping symbols | ⠠⠠ | | |
| less than | ⠐ | ⠐⠠⠠⠠⠠ | $2 < 6$ |
| long division | ⠠⠠⠠⠠⠠⠠ ⠨ | ⠠⠠⠠⠠⠠⠠ ⠠⠠⠠⠠⠠⠠⠠⠠ | $16\sqrt{448}$ |
| minus | ⠐ | ⠐⠠⠠⠠⠠ | $6 - 2$ |
| mixed number indicator closing | ⠨⠠ | ⠨⠠⠠⠠⠠⠠⠠⠠⠠ | $2\frac{3}{4}$ |

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| mixed number indicator opening | ⠠⠨ | ⠠⠨⠠⠩⠠⠨⠠⠩⠠⠨⠠⠩⠠⠨ | 3 2/5 |
| not equal to | ⠠⠨⠠⠨ | ⠠⠨⠠⠨⠠⠨⠠⠨⠠⠨⠠⠨ | 8 - 1 ≠ 9 |
| numeric indicator | ⠠ | ⠠⠠⠠⠠⠠ | 3456 |
| parenthesis closing | ⠠ | ⠠⠠⠠⠠ | (0) |
| parenthesis opening | ⠠ | ⠠⠠⠠⠠ | (0) |
| percent | ⠠⠨ | ⠠⠨⠠⠠⠠⠠ | 50% |
| plus | ⠠ | ⠠⠠⠠⠠ | 7 + 9 |
| punctuation indicator | ⠠ | ⠠⠠⠠⠠⠠⠠⠠ | 5:45 |
| separation line | ⠠⠠⠠⠠⠠ | ⠠⠠⠠⠠⠠ ⠠⠠⠠⠠ ⠠⠠⠠⠠⠠ | 55 <u>+ 6</u> |
| subscript indicator | ⠠ | ⠠⠠⠠⠠ | x_e |
| superscript indicator | ⠠ | ⠠⠠⠠⠠ ⠠⠠⠠⠠⠠⠠⠠ | c^2 v^{a^2} |
| times sign (cross) | ⠠⠨ | ⠠⠨⠠⠠⠠⠠ | 1 x 3 |

Greek Letters in Braille

| Letter Name | Upper Case | Lower Case | Braille Upper Case | Braille Lower Case |
|-------------|------------|------------|--------------------|--------------------|
| alpha | Α | α | ⠠⠠⠠⠠ | ⠠⠠⠠ |
| beta | Β | β | ⠠⠠⠠⠠ | ⠠⠠⠠ |
| gamma | Γ | γ | ⠠⠠⠠⠠ | ⠠⠠⠠ |
| delta | Δ | δ | ⠠⠠⠠⠠ | ⠠⠠⠠ |
| epsilon | Ε | ε | ⠠⠠⠠⠠ | ⠠⠠⠠ |
| zeta | Ζ | ζ | ⠠⠠⠠⠠ | ⠠⠠⠠ |
| eta | Η | η | ⠠⠠⠠⠠ | ⠠⠠⠠ |
| theta | Θ | θ | ⠠⠠⠠⠠ | ⠠⠠⠠ |
| iota | Ι | ι | ⠠⠠⠠⠠ | ⠠⠠⠠ |
| kappa | Κ | κ | ⠠⠠⠠⠠ | ⠠⠠⠠ |
| lambda | Λ | λ | ⠠⠠⠠⠠ | ⠠⠠⠠ |
| mu | Μ | μ | ⠠⠠⠠⠠ | ⠠⠠⠠ |
| nu | Ν | ν | ⠠⠠⠠⠠ | ⠠⠠⠠ |
| xi | Ξ | ξ | ⠠⠠⠠⠠ | ⠠⠠⠠ |
| omicron | Ο | ο | ⠠⠠⠠⠠ | ⠠⠠⠠ |
| pi | Π | π | ⠠⠠⠠⠠ | ⠠⠠⠠ |
| rho | Ρ | ρ | ⠠⠠⠠⠠ | ⠠⠠⠠ |
| sigma | Σ | σ | ⠠⠠⠠⠠ | ⠠⠠⠠ |
| tau | Τ | τ | ⠠⠠⠠⠠ | ⠠⠠⠠ |
| upsilon | Υ | υ | ⠠⠠⠠⠠ | ⠠⠠⠠ |
| phi | Φ | φ | ⠠⠠⠠⠠ | ⠠⠠⠠ |
| chi | Χ | χ | ⠠⠠⠠⠠ | ⠠⠠⠠ |
| psi | Ψ | ψ | ⠠⠠⠠⠠ | ⠠⠠⠠ |
| omega | Ω | ω | ⠠⠠⠠⠠ | ⠠⠠⠠ |

Greek-letter indicator ⠠⠠⠠

Capital sign ⠠