Basic Math Symbols List

Symbol	Symbol Name	Meaning / definition	Example
=	equals sign	equality	5 = 2+3 5 is equal to 2+3
≠	not equal sign	inequality	5 ≠ 4 5 is not equal to 4
~	approximately equal	approximation	$sin(0.01) \approx 0.01$, $x \approx y$ means x is approximately equal to y
>	strict inequality	greater than	5 > 4 5 is greater than 4
<	strict inequality	less than	4 < 5 4 is less than 5
2	inequality	greater than or equal to	$5 \ge 4$, $x \ge y$ means x is greater than or equal to y
≤	inequality	less than or equal to	$4 \le 5$, $x \le y$ means x is less than or equal to y
()	parentheses	calculate expression inside first	2 × (3+5) = 16
[]	brackets	calculate expression inside first	[(1+2)×(1+5)] = 18
+	plus sign	addition	1 + 1 = 2 1 plus 1 equals 2
_	minus sign	subtraction	2 – 1 = 1 2 minus 1 equals 1
×	times sign	multiplication	2 × 3 = 6 2 times 3 equals 6 Or 2 multiplied by 3 equals 6
÷	division sign / obelus	division	6 ÷ 2 = 3 6 divided by 2 equals 3

Symbol	Symbol Name	Meaning / definition	Example
/	division slash	division	6 / 2 = 3 6 over 2 equals 3
	horizontal line	division / fraction	$\frac{6}{2} = 3$
a ^b	power	exponent	2 ^ 3 = 8
√a	square root	$\sqrt{a} \cdot \sqrt{a} = a$	³ √8 = 2
³ √a	cube root	3 V $a \cdot ^{3}$ V $a \cdot ^{3}$ V $a = a$	⁴ V16 = ±2
%	percent	1% = 1/100	10‰ × 30 = 0.3
‰	per-mille	1‰ = 1/1000 = 0.1%	10ppm × 30 = 0.0003

General vocabulary

- ✓ addition = πρόσθεση
- subtraction = αφαίρεση
- multiplication = πολλαπλασιασμός
- ✓ division = διαίρεση
- equation = εξίσωση unknown variable = άγνωστη μεταβλητή
- ✓ function = συνάρτηση
- integers = ακέραιοι αριθμοί
- decimals = δεκαδικοί αριθμοί
- fractions = κλάσματα (numerator = ονομαστής denominator = παρονομαστής)
- ✓ power = δύναμη exponent = εκθέτης
- ✓ root = ρίζα square root = τετραγωνική ρίζα cube root = κυβική ρίζα