

Math Notation

Mr. Fruzzetti's Classes

GEOMETRIC SYMBOLS	ALGEBRAIC SYMBOLS	PROOF / SET SYMBOLS
~ "Is Similar To"	~ "Relates to" (also "Not")	∴ "Therefore"
≡ "Is Congruent To"	≡ "Is Congruent or Identical To"	∵ "Since"
⇒ "Implies (Left-to-Right)"	± "Plus or Minus"	∀ "For All"
⇐ "Implies (Right-to-Left)"	∓ "Minus or Plus"	∃ "There Exists"
⇔ "Doubly Implies"	× "Cross Product" (for Vectors)	¬ "Not"
∠ "Angle"	• "Dot Product" (for Vectors)	∈ "Is an Element Of"
∥ "Parallel To"	∑ "Summation"	ℝ "All Real Numbers"
⊥ "Perpendicular To"	∏ "Product"	ℚ "All Rational Numbers"
△ "Triangle"	∞ "Infinity"	ℤ "All Integers"
⊙ "Circle"	∴ "Is Divisible By"	ℕ "All Natural Numbers"
□ "Square"	"Divides"	∉ "Is Not an Element Of"

Note: There are many more symbols in the language of Mathematics; these are merely a common few.

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