operators

./progamming_and_math_compare_operators.md

truthtables

./truthtables.md

more math operators

Symbol	Symbol Name	Meaning / definition	Example

· and and $x \cdot y$ ^ caret / circumflex and $x \wedge y$ & ampersand and $x \,\&\, y$ + plus or $x + y$ ⋁ reversed caret or $x \vee y$ | vertical line or $x \mid y$ x' single quote not - negation x' $\overline{x}$ bar not - negation $\overline{x}$ ¬ not not - negation $\neg x$! exclamation mark not - negation ! x ⊕ circled plus / oplus exclusive or - xor $x \oplus y$ ~ tilde negation ~ x ⇒ implies ⇔ equivalent if and only if (iff) ↔ equivalent if and only if (iff) ∀ for all ∃ there exists ∄ there does not exists ∴ therefore ∵ because / since