

Vocabulary Toolkit

	Term	Definition / Additional Information
4.3 G	Addition Property of Equality	If $a = b$, then $a + c = b + c$.
4.1 T	equation	a statement that the values of two mathematical expressions are equal (indicated by the sign =)
4.4 T	inequality	A mathematical sentence built from <u>expressions</u> using one or more of the symbols $<$, $>$, \leq , or \geq .
4.2 T	literal equation	An equation with more than one variable. Solving a literal equation follows the same rules as solving a linear equation, except the solution will contain at least one other variable.
4.3 G	Multiplication Property of Equality	If $a = b$, then $a \times c = b \times c$.
4.1 RG	solution or solution set	Any and all value(s) of the variable(s) that satisfies an equation, inequality, system of equations, or system of inequalities. For a system of equations or inequalities, the solution set is the set containing value(s) of the variable(s) that satisfy all equations and/or inequalities in the system.