Solving Simple Equations

Today's Standard

6.EE.B7 - Solve real-world and mathematical problems by writing and solving equations of the form $x + p = q$ and $px = q$ for cases in which p, q and x are all nonnegative rational numbers.

Cues	Notes
Key Terms: Equation, Variable, Rational Number	An equation is a mathematical statement that asserts the equality of two expressions.
Questions: What is an equation? How do you solve $x + p = q$?	A variable is a symbol, often x, used to represent an unknown value.
	To solve $x + p = q$, subtract p from both sides to isolate x.
	To solve $px = q$, divide both sides by p to isolate x.

Summary

Solving equations involves isolating the variable by performing the same operation on both sides of the equation. This standard helps students develop foundational algebra skills.