Solving Equations and Inequalities

Today's Standard

6.EE.B5 - Understand solving an equation or inequality as a process of answering a question: which values from a specified set, if any, make the equation or inequality true? Use substitution to determine whether a given number in a specified set makes an equation or inequality true.

Cues	Notes
Equation	An equation is a mathematical statement that asserts the equality of two expressions.
Inequality	An inequality is a relation that holds between two values when they are different.
Substitution	Substitution involves replacing a variable with a number to see if the equation or inequality holds true.
Variable	A variable is a symbol used to represent a number in an equation or inequality.
True/False	To determine if a value makes an equation or inequality true, substitute the value into the variable and check if the statement is correct.

Summary

Understanding how to solve equations and inequalities involves using substitution to check if values make the statements true. This foundational skill is essential for more advanced algebraic concepts.