



Solving Linear Equations

Today's Standard

8.EE.C7 - Solve linear equations in one variable.

Cues	Notes
Linear Equation	A linear equation is an equation between two variables that gives a straight line when plotted on a graph.
Variable	A variable is a symbol used to represent a number in an equation.
Balance Model	The balance model helps visualize that both sides of an equation must be equal.
Properties of Equality	Properties of equality include addition, subtraction, multiplication, and division applied to both sides of an equation.
Steps to Solve	Steps to solve: Simplify both sides, move variables to one side, isolate the variable, and solve.

Summary

Solving linear equations in one variable involves understanding variables, maintaining balance, and applying properties of equality. Mastery of these concepts is essential for progressing in algebra.