



Solving Two Linear Equations

Today's Standard

8.EE.C8c - Solve real-world and mathematical problems leading to two linear equations in two variables. For example, given coordinates for two pairs of points, determine whether the line through the first pair of points intersects the line through the second pair.

Cues	Notes
Systems of Equations	Systems of equations involve finding the common solution to two linear equations.
Intersection Point	The intersection point is where two lines meet on a graph.
Parallel Lines	Parallel lines have the same slope and never intersect, resulting in no solution.
Substitution Method	The substitution method involves solving one equation for one variable and substituting this value into the other equation.
Elimination Method	The elimination method involves adding or subtracting equations to eliminate one variable, making it easier to solve for the other.

Summary

Solving systems of linear equations involves finding the intersection point of two lines, which can be done graphically or algebraically using substitution or elimination methods. Understanding this concept is crucial for more advanced algebraic studies.