



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.

Real-World Applications for this Standard

Determining the intersection of two roads using their equations; Finding out where two business supply and demand curves meet; Calculating the point where two different flight paths cross; Analyzing the meeting point of two different trend lines in data analysis

Today I Learned

Today, we learned how to find where two lines meet on a graph. This helps us solve problems with two different rules or limits.

Common Stumbling Blocks

Some kids think two lines always cross, but if they are parallel, they never meet. Others think you can only find where lines meet by drawing them, but you can also do it with math.

Quiz Me

- What do we call the point where two lines meet?
- Can two lines that are parallel ever meet?
- What is one way to find the point where two lines meet without drawing them?
- What do we call lines that never meet?
- What is the method called when we solve one equation for one variable and use that in another equation?

Help Me

We use math to find where two lines meet. This is like finding where two roads cross. We can draw the lines or use math to find the meeting point.