

## Solving Simultaneous Linear Equations

### Today's Standard

8.EE.C8 - Analyze and solve pairs of simultaneous linear equations.

### Real-World Applications for this Standard

Determining the point of intersection between two roads; Finding the optimal pricing for two competing products; Calculating the meeting point of two moving objects; Balancing chemical equations in a reaction; Analyzing supply and demand curves in economics

### Today I Learned

Today, we learned how to solve pairs of linear equations. This means finding where two lines meet on a graph.

### Common Stumbling Blocks

Sometimes, students think that all pairs of equations have one answer, but that's not true. They also might think they can always guess the answer, but they need to use special methods.

### Quiz Me

- What does it mean when two lines meet?
- Can two lines never meet? Why?
- What happens if two lines are on top of each other?
- What is one method to find where two lines meet?
- Why do we check our answers after solving?

### Help Me

When we solve pairs of linear equations, we find where two lines meet. This can help us figure out things like where two roads cross or the best price for two products. It's like solving a puzzle!