Solving Linear Systems

Today's Standard

HSA.REI.C6 - Solve systems of linear equations exactly and approximately (e.g., with graphs), focusing on pairs of linear equations in two variables.

Real-World Applications for this Standard

Optimizing business profits by analyzing cost and revenue equations; Determining the intersection point of two roads on a map; Balancing chemical equations in chemistry; Planning budget allocations for projects; Scheduling tasks to avoid conflicts

Today I Learned

Today, we learned how to solve problems with two math sentences that have the same letters, like x and y. We can find where they meet on a graph or use math steps to find the answer.

Common Stumbling Blocks

Sometimes kids think there's always one answer, but that's not true. Sometimes there are no answers or many answers. Also, they might think drawing is the only way to solve it. We can also use math steps.

Quiz Me

- What is a system of equations?
- Can a system have no answers?
- What is one way to solve a system?
- Can systems have many answers?
- What is another way to solve a system?

Help Me

We use systems of equations in real life, like finding where two roads meet or planning a budget. It's important to know different ways to solve them, not just drawing but also using math steps.