

Solving Simple Equations Step-by-Step

Today's Standard

HSA.REI.A.1 - Explain each step in solving a simple equation as following from the equality of numbers asserted at the previous step, starting from the assumption that the original equation has a solution. Construct a viable argument to justify a solution method.

Real-World Applications for this Standard

Balancing a checkbook; Solving for unknowns in physics formulas; Calculating dosages in medicine; Budgeting and financial planning; Engineering problem-solving

Today I Learned

Today, we learned about solving simple equations step-by-step. We explained each step and made sure our solution was correct by checking it.

Common Stumbling Blocks

Sometimes, students think they don't need to check their work. But it's important to make sure each step is correct. Another mistake is not following the right order when solving equations. We need to do the steps in the right order.

Quiz Me

- What do we do first when solving an equation?
- Why do we check each step?
- What happens if we do steps in the wrong order?
- How can we check if our answer is right?
- What are the properties of equality?

Help Me

We use equations to solve real-world problems, like figuring out how much money we spend or how much medicine to take. By solving equations step-by-step, we can make sure our answers are correct and make good decisions.

