



Solving Measurement Word Problems

Today's Standard

4.MD.A2 - Use the four operations to solve word problems involving distances, intervals of time, liquid volumes, masses of objects, and money, including problems involving simple fractions or decimals, and problems that require expressing measurements given in a larger unit in terms of a smaller unit. Represent measurement quantities using diagrams such as number line diagrams that feature a measurement scale.

Real-World Applications for this Standard

Calculating travel time and distance for a family trip; Determining the amount of ingredients needed for a recipe; Figuring out the total cost of items while shopping; Measuring and comparing the weights of different objects; Converting units of measurement in science experiments

Today I Learned

Today, we learned how to solve word problems that involve measuring things like distance, time, and weight. We used addition, subtraction, multiplication, and division to find the answers.

Common Stumbling Blocks

Sometimes kids think they only need to use one math operation to solve a problem, but often they need to use more than one. Another tricky part is converting units, like changing hours to minutes, before solving the problem.

Quiz Me

- What do you use to measure how long something is?
- How do you find out how much two things weigh together?
- What should you do if a problem has different units, like hours and minutes?
- Can you add measurements with different units directly?
- What tool can help you see measurements on a number line?

Help Me

When you go shopping, you might need to find out how much all your items cost together. You use adding to do this. Or if you're baking, you might need to change cups to tablespoons. This is how we use math in real

life!