



Multiplicative Comparison Word Problems

Today's Standard

4.OA.A2 - Multiply or divide to solve word problems involving multiplicative comparison, e.g., by using drawings and equations with a symbol for the unknown number to represent the problem, distinguishing multiplicative comparison from additive comparison.1

Real-World Applications for this Standard

Comparing prices of items in a store; Calculating the total cost of multiple items; Determining the number of groups or items in each group; Scaling recipes up or down; Understanding ratios in sports statistics

Today I Learned

Today, we learned how to solve word problems by multiplying or dividing. We practiced using drawings and symbols to find the answers!

Common Stumbling Blocks

Sometimes, kids might mix up multiplying and adding. They might also find it hard to use symbols for unknown numbers. We can help them by using pictures and simple examples.

Quiz Me

- What do we do when we need to find out how many groups there are?
- How can we use drawings to solve a problem?
- What symbol can we use for an unknown number?
- What is the difference between multiplying and adding?
- Can you give an example of a word problem we solved today?

Help Me

When we solve problems in real life, we often need to compare things. For example, if you have 3 times as many apples as oranges, you can use multiplication to find out how many apples you have. We also use symbols like 'x' to show numbers we don't know yet. This helps us solve problems more easily.