



Multiplication and Division Strategies

Today's Standard

3.OA.C7 - Fluently multiply and divide within 100, using strategies such as the relationship between multiplication and division (e.g., knowing that $8 \times 5 = 40$, one knows $40 \div 5 = 8$) or properties of operations. By the end of Grade 3, know from memory all products of two one-digit numbers.

Real-World Applications for this Standard

Calculating total cost when buying multiple items; Dividing a set of objects equally among friends; Understanding measurements in recipes; Solving word problems involving grouping and sharing; Calculating scores in games and sports

Today I Learned

Today, I learned how to multiply and divide numbers up to 100. I practiced using different strategies to understand and remember these math facts.

Common Stumbling Blocks

Sometimes, kids think that multiplication and division are not connected. But they actually are! Another tricky part is trying to memorize all the facts without understanding them. Using strategies like skip counting can help.

Quiz Me

- What is 8 times 5?
- If you have 40 candies and share them with 5 friends, how many candies does each friend get?
- What is the relationship between multiplication and division?
- Can you skip count by 5s up to 50?
- What is 9 times 3?

Help Me

Multiplying and dividing are like two sides of the same coin. For example, if you know that 5 times 4 is 20, then you also know that 20 divided by 4 is 5. You can use these skills when you share things equally or figure out how much something costs when you buy more than one.

