Solving Unknowns in Equations

Today's Standard

3.OA.A4 - Determine the unknown whole number in a multiplication or division equation relating three whole numbers. For example, determine the unknown number that makes the equation true in each of the equations $8 \_ ? = 48, 5 = \_ Ö 3, 6 \_ 6 = ?$

Real-World Applications for this Standard

Calculating the number of items each person gets when sharing equally among friends; Determining how many groups of a certain number can be made from a larger quantity; Finding out the total number of objects when given the number of groups and items per group

Today I Learned

Today, I learned how to find the missing number in multiplication and division problems. For example, if we have $8 * ? = 48$, we need to figure out what number, when multiplied by 8, equals 48.

Common Stumbling Blocks

Sometimes, kids might think that where the missing number is in the problem doesn't matter, but it does. Also, they might mix up multiplication and division when solving these problems.

Quiz Me

- What number do you multiply by 8 to get 48?

- If you have 5 groups of 3, how many do you have in total?

- What is the missing number: $6 * ? = 36$?

- How do you find the missing number in $5 = ? \div 3$?

- What is the missing number: $7 * 4 = ?$

Help Me

To find a missing number in problems like $8 * ? = 48$, think about how many groups of 8 you need to make 48. This is like sharing 48 candies equally into groups of 8.