



## 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  $8 \_ ? = 48$ ,  $5 = \_ \div 3$ ,  $6 \_ 6 = ?$

Cues	Notes
What is the standard 3.OA.A4?	Standard 3.OA.A4 involves finding unknown whole numbers in multiplication and division equations.
How do you determine the unknown number in an equation?	To determine the unknown number, use the inverse operation to isolate the unknown.
What are common misconceptions?	Common misconceptions include misunderstanding the position of the unknown and confusing multiplication with division.
What are some real-world applications?	Real-world applications include sharing items equally and determining total quantities from groups.

### Summary

Standard 3.OA.A4 teaches students to find unknown numbers in multiplication and division equations, a key skill for algebraic thinking. Understanding inverse operations and avoiding common misconceptions are crucial for mastering this standard.