Lesson 26: One-Step Equations—Addition and Subtraction

Classwork

Exercise 1

Solve each equation. Use both tape diagrams and algebraic methods for each problem. Use substitution to check your answers.

Exercise 2

Given the equation :

* 1. Demonstrate how to solve the equation using tape diagrams.
  2. Demonstrate how to solve the equation algebraically.
  3. Check your answer.

Exercise 3

Solve each problem, and show your work. You may choose which method (tape diagrams or algebraically) you prefer. Check your answers after solving each problem.

Problem Set

1. Find the solution to the equation below using tape diagrams. Check your answer.
2. Find the solution of the equation below algebraically. Check your answer.
3. Find the solution of the equation below using tape diagrams. Check your answer.
4. Find the solution to the equation algebraically. Check your answer.
5. Find the solution to the equation using the method of your choice. Check your answer.
6. Identify the mistake in the problem below. Then, correct the mistake.
7. Identify the mistake in the problem below. Then, correct the mistake.
8. Match the equation with the correct solution on the right.

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