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.

a. b + 9 = 15

b. 12 = 8 + c



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Exercise 2

Given the equation d - 5 = 7:

a. Demonstrate how to solve the equation using tape diagrams.

b. Demonstrate how to solve the equation algebraically.

c. Check your answer.



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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.

a. e + 12 = 20

b. f - 10 = 15

c. g - 8 = 9



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