

## LESSON

## 8-2

**Solving Two-Step Equations***Practice and Problem Solving: A/B*

Solve each equation. Cross out each number in the box that matches a solution.

-18	-8	-6	-4	-3	-2	2	3	4	6	8	18
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1.  $5x + 8 = 23$

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2.  $-2p - 4 = 2$

\_\_\_\_\_

3.  $6a - 11 = 13$

\_\_\_\_\_

4.  $4n + 12 = 4$

\_\_\_\_\_

5.  $9g + 2 = 20$

\_\_\_\_\_

6.  $\frac{k}{6} + 8 = 5$

\_\_\_\_\_

7.  $\frac{s}{3} - 4 = 2$

\_\_\_\_\_

8.  $\frac{c}{2} + 5 = 1$

\_\_\_\_\_

9.  $9 + \frac{a}{6} = 8$

\_\_\_\_\_

Solve. Check each answer.

10.  $3v - 12 = 15$

\_\_\_\_\_

11.  $8 + 5x = -2$

\_\_\_\_\_

12.  $\frac{d}{4} - 9 = -3$

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Write an equation to represent the problem. Then solve the equation.

13. Two years of local Internet service costs \$685, including the installation fee of \$85. What is the monthly fee?

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14. The sum of two consecutive numbers is 73. What are the numbers?

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