

# Get Ready!

Lesson 1-4

## Solving Linear Equations

Solve each equation. Check your answer.

1.  $9x - 16 = 8 + 5x$

2.  $4(y + 2) + 1 = -5(3 - 2y)$

Lesson 1-6

## Solving Absolute Value Inequalities

Solve each inequality. Graph the solution.

3.  $|6x - 12| + 6 < 30$

4.  $6|4y - 2| \geq 42$

Lesson 2-3

## Writing and Graphing Equations in Slope-Intercept Form

Graph the line passing through the given points. Then write its equation in slope-intercept form.

5.  $(1, -1)$  and  $(3, 17)$

6.  $(2, 9)$  and  $(6, 11)$

Lesson 2-6

## Identifying Translations

Identify each horizontal and vertical translation of the parent function  $y = |x|$ .

7.  $y = |x - 4| + 2$

8.  $y = |x + 10| - 3$

Lesson 3-2

## Solving Systems of Equations

Solve each system of equations by substitution.

9. 
$$\begin{cases} 2x + 6y = 14 \\ 4x - 8y = 48 \end{cases}$$

10. 
$$\begin{cases} x + 2y = -18 \\ 2x - 4y = 12 \end{cases}$$



## Looking Ahead Vocabulary

11. A *form* is a document with blank spaces to fill in. What types of forms might you use?
12. Something is *imaginary* if it has no factual reality. What are some examples of imaginary items?
13. Many items have a specific *function*, or purpose for use. What is the function of a pencil?