## **PRACTICE**

Find the solution to each system of equations.

1. 
$$y = -2x + 1 \\ 3x - 2y = -16$$

$$2x + 5y = 4 
-3x - 10y = -1$$

$$3. \quad 2y = 4x - 1 \\ 8x + 6y = 7$$

4. 
$$-3x + 5y = 9$$
$$4x - 5y = -12$$

Tell whether each system is inconsistent or dependent. Also, tell how many solutions the system has.

5. 
$$y = 4x - 3$$
  
 $20x - 5y = 15$ 

6. 
$$3x = 6 - 4y$$
  
 $16y - 21 = -12$ 

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SpringBoard Integrated Math II, Unit 3, Getting Ready

## INDEPENDENT PRACTICE

Find the zeros of each function.

1. 
$$f(x) = (x+2)(x-8)$$

2. 
$$f(x) = 3(x-1)(x-\frac{1}{2})$$

3. 
$$f(x) = x^2 - 5x$$

**4.** 
$$f(x) = x^2 - 9$$

**5.** 
$$f(x) = x^2 - 6x + 5$$

**6.** 
$$f(x) = 3x^2 - 9x + 6$$