## LESSON 23 Practice

Find an equation of each line given the slope and a point.

1. $m = 5; (1, 8)$

2. $m = -2; (-3, 9)$

3. $m = \frac{1}{2}; (8, -5)$

4. $m = -\frac{1}{3}; (6, 4)$

Find an equation of each line given two points.

5. $(1, 5)$ and $(2, 8)$

6. $(5, -2)$ and $(9, -2)$

7. $(-2, -9)$ and $(1, 3)$

8. $(3, 2)$ and $(3, -4)$

9. $(-6, -4)$ and $(8, 17)$

10. $(2, 2)$ and $(-4, 5)$

Find an equation of each line described.

11. parallel to $x - 5y = 1$; through $(5, -1)$

12. perpendicular to $3x + y = 0$; through $(9, 0)$

13. parallel to $y = 4$; through $(-3, -2)$

14. perpendicular to $x = -1$; through $(-1, 7)$