**Skills Practice**

***Writing Equations in Point-Slope Form***

**18.** *y* + 11 = $\frac{1}{3}$ (*x* + 3)

**17**. *y* – 2 = – $\frac{1}{2}$ (*x* – 4)

(2, –3)

**27.** *y* – $\frac{1}{2}$ = *x* + $\frac{1}{2}$

**26.** *y* + 1 = –$ \frac{1}{3} (x + 9)$

**25.** *y* – 2 = $\frac{1}{2}$ (*x* + 6)

**9.** ( –5, –1), *m* = – $\frac{5}{4}$

**8.** (3, 3), *m* = $\frac{4}{3}$

(–1, –2)

***x***

***O***

***y***

(1, –2)

***x***

***O***

***x***

***O***

***y***

**Lesson 4-3**

*Glencoe Algebra 1*

Chapter 4

**19**

**24.** *y* – 8 = 3(*x* + 5)

**23**. *y* – 3 = 6(*x* – 1)

**22.** *y* + 1 = –5(*x* – 3)

**21.** *y –* 6 = –2(*x* + 2)

**20.** *y* + 2 = –(*x* + 4)

**19.** *y* – 4 = 3(*x* – 2)

**Write each equation in slope-intercept form.**

**16.** *y* – 10 = –2(*x* – 3)

**15.** *y* + 5 = –5(*x* – 3)

**14.** *y* – 6 = 4(*x* + 3)

**13**. *y* – 4 = –(*x* – 1)

**12.** *y* – 7 = 4(*x* + 4)

**11.** *y* + 9 = –3(*x* – 2)

**10.** *y* + 1 = *x* + 2

**Write each equation in standard form.**

**7**. (4, –6), *m* = 1

**6.** (1, –3), *m* = –4

**5.** (–4, 6), *m* = 8

**4.** (3, 1), *m* = 0

*m* = 0

*m* = 3

*m* = –1

***y***

**3.**

**2.**

**1.**

**Write an equation in point-slope form for the line that passes through each point**

**with the given slope.**

**4-3**

NAME DATE PERIOD



