(–2, 0)

**Pages Written**

**11.** **WRITING** Carla has already written 10 pages of a novel.

She plans to write 15 additional pages per month until she is finished.

**Carla’s Novel**

**4.** slope: –2.5, *y*-intercept: 3.5

**3.** slope: 1.5, *y*-intercept: –1

**2.** slope: $\frac{3}{2}$, *y*-intercept: –4

**Practice**

***Graphing Equations in Slope-Intercept Form***

**8.**  *y* = $-\frac{1}{2}$ *x* + 2

**1.** slope: $\frac{1}{4}$, *y*-intercept: 3

***x***

***O***

(–5, 0)

(0, 2)

***y***

***x***

***O***

(0, 3)

***y***

(0, –2)

***x***

***O***

(–3, 0)

***y***

***O***

***x***

***y***

***x***

***O***

***y***

***x***

***O***

***y***

*Glencoe Algebra 1*

Chapter 4

**8**

Find the total number of pages written after 5 months.

**c.**

***m***

1 2 3 4 5 6

**Months**

0

Graph the equation on the grid at the right.

**b.**

Write an equation to find the total number of pages *P*

written after any number of months *m*.

**a.**

***P***

100

80

60

40

20

**10.**  6*x* + 3*y* = 6

**9.** 3*y* = 2*x* – 6

**Graph each equation.**

**7.**

**6.**

**5.**

**Write an equation in slope-intercept form for each graph shown.**

**Write an equation of a line in slope-intercept form with the given slope and**

***y*-intercept.**

**4-1**

NAME DATE PERIOD



