4-2 Skills Practice
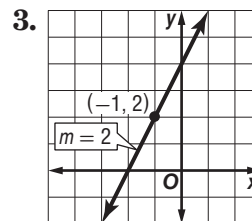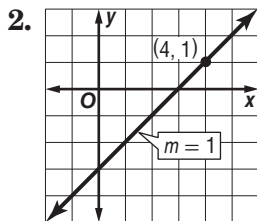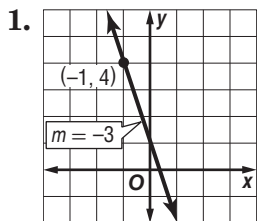
Writing Equations in Slope-Intercept Form

Write an equation of the line that passes through the given point with the given slope.

1.

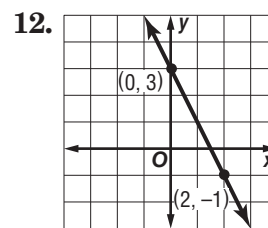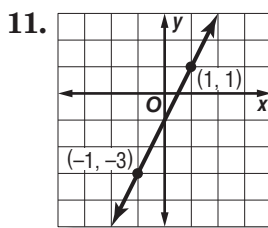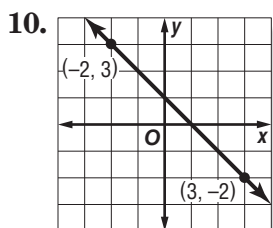2.

3.

4. $(1, 9)$; slope 4

5. $(4, 2)$; slope -2

6. $(2, -2)$; slope 3

7. $(3, 0)$; slope 5

8. $(-3, -2)$; slope 2

9. $(-5, 4)$; slope -4

Write an equation of the line that passes through each pair of points.

10.

11.

12.

13. $(1, 3), (-3, -5)$

14. $(1, 4), (6, -1)$

15. $(1, -1), (3, 5)$

16. $(-2, 4), (0, 6)$

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

18. $(-1, 6), (3, -2)$

19. **INVESTING** The price of a share of stock in XYZ Corporation was $74 two weeks ago. Seven weeks ago, the price was $59 a share.

    a. Write a linear equation to find the price p of a share of XYZ Corporation stock w weeks from now.

    b. Estimate the price of a share of stock five weeks ago.

Lesson 4-2