

LESSON
4.5

Practice

For use with pages 243-250

Corrective #1-1, 4, 16
#2-2, 5, 17

Identify the slope and y-intercept of the line with the given equation.

1. $y = 5x - 4$

$m = 5, b = -4$

2. $y = 10 - 4x$

$b = 10$
 $m = -4$

3. $9x + y = 8$

4. $12x + 3y = 9$
 $-12x \quad -12x$

$m = -4$
 $b = 3$
 $3y = -12x + 9$
 $y = -4x + 3$

5. $6x - 2y = 2$
 $-6x \quad -6x$

$-2y = -6x + 2$
 $\frac{-2y}{-2} = \frac{-6x + 2}{-2}$
 $y = 3x - 1$

6. $2x + 5y = 10$

$m = 3$
 $b = -1$

7. $9x - 3y = -1$

8. $4y + 6x = 2$

9. $8y - 2x = 5$

10. $5x + 5y = 3$

11. $-4y = 16$

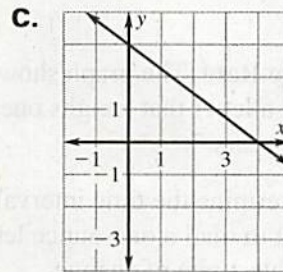
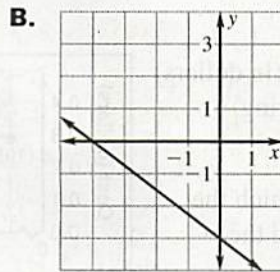
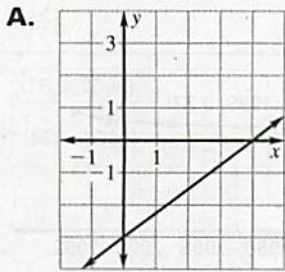
12. $6x = 12$

Match the equation with its graph.

13. $3x + 4y = 12$

14. $3x + 4y = -12$

15. $3x - 4y = 12$

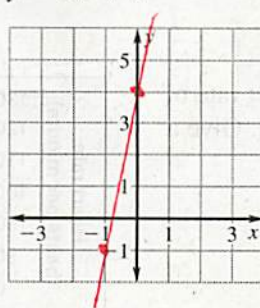


Graph the equation.

16. $y = -7x + 2$



17. $y = 5x + 4$



18. $y = -x + 9$

