

5-3 Practice

Form G

Find the slope and y-intercept of the graph of each equation.

1. $y = 3x - 5$

2. $y = -5x + 13$

3. $y = -x - 1$

4. $y = -11x + 6$

5. $y = -5$

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

7. $y = -6.75x + 8.54$

8. $y = -\frac{2}{3}x - \frac{1}{9}$

9. $y = 2.25$

Write an equation of a line with the given slope m and y-intercept b .

10. $m = -1, b = 3$

11. $m = 4, b = -2$

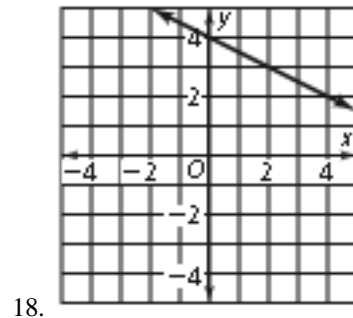
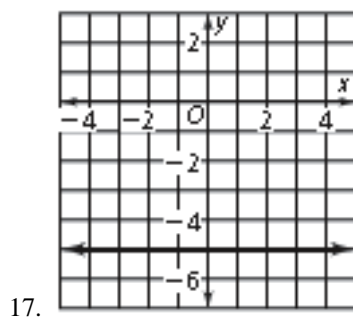
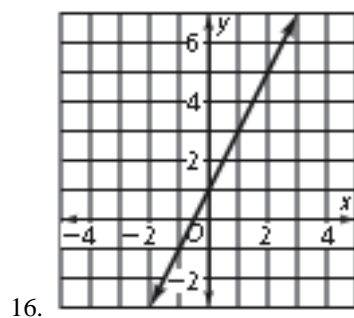
12. $m = -5, b = -8$

13. $m = 0.25, b = 6$

14. $m = 0, b = -11$

15. $m = 1, b = \frac{3}{8}$

Write an equation in slope-intercept form of each line.



Write an equation in slope-intercept form of the line that passes through the given point and slope.

19. $m = 2; (1, 5)$

20. $m = -3; (-1, 9)$

21. $m = -1; (3, 4)$

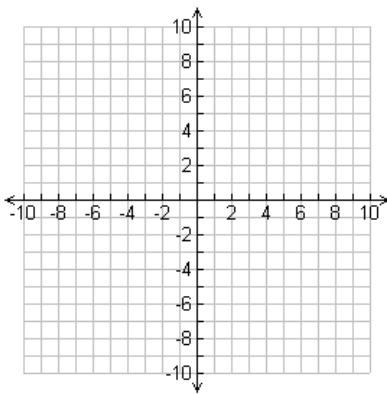
22. $m = -5; (1, -6)$

23. $m = 4; (2, 8)$

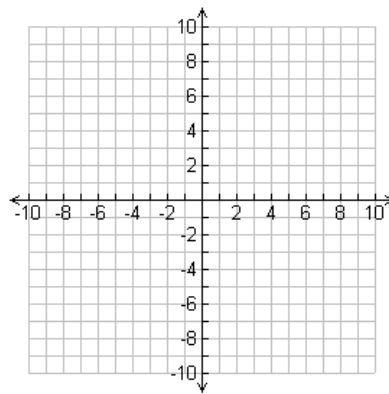
24. $m = 1; (1, -2)$

Graph each equation.

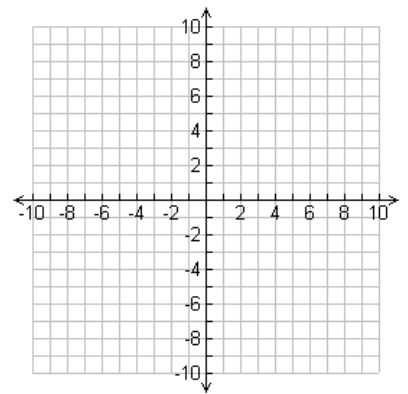
25. $y = x + 3$



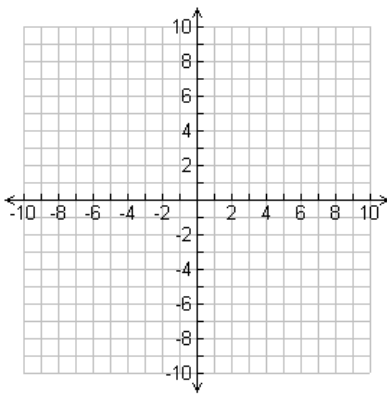
26. $y = 4x - 1$



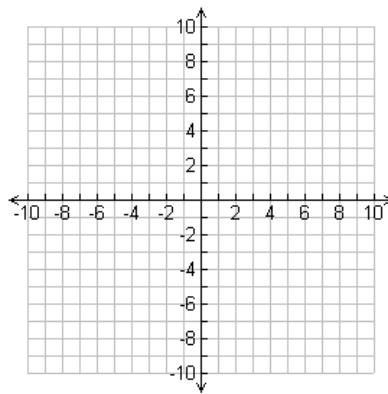
27. $y = -x + 6$



28. $y = 3x - 2$



29. $y = -5x + 1$



30. $y = -7x - 4$

