

Name: _____

Date: _____

Slope-Intercept Form_Practice Algebra (Grade 8)



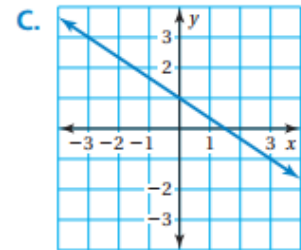
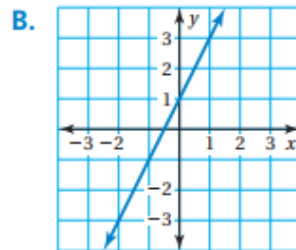
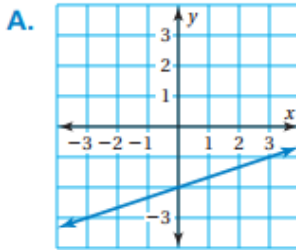
Practice and Problem Solving

Match the equation with its graph. Identify the slope and the y -intercept.

4. $y = 2x + 1$

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

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



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

7. $y = 4x - 5$

8. $y = -7x + 12$

9. $y = -\frac{4}{5}x - 2$

10. $y = 2.25x + 3$

11. $y + 1 = \frac{4}{3}x$

12. $y - 6 = \frac{3}{8}x$

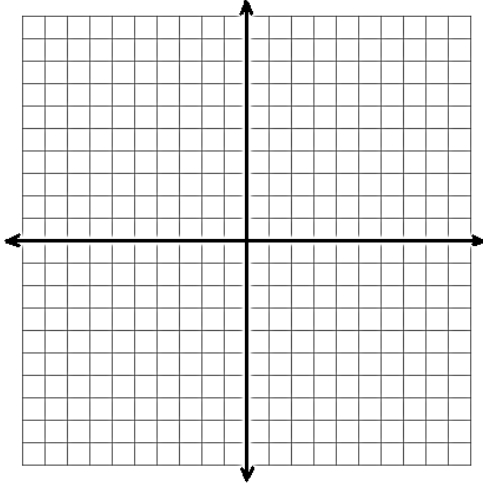
13. $y - 3.5 = -2x$

14. $y = -5 - \frac{1}{2}x$

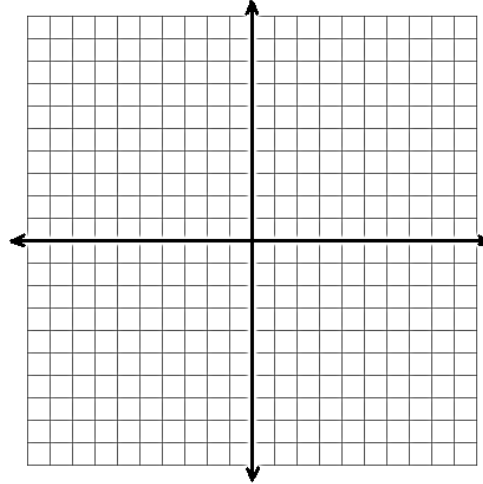
15. $y = 11 + 1.5x$

Graph each equation using the *slope and y-intercept*:

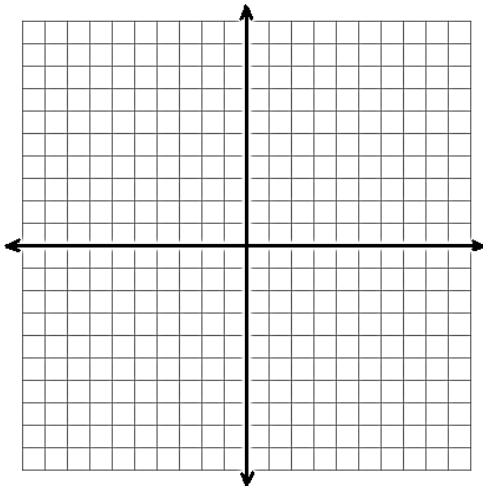
18. $y = \frac{1}{5}x + 3$



19. $y = 6x - 7$



20. $y = -\frac{8}{3}x + 9$



23. $y = 4 - \frac{3}{5}x$

