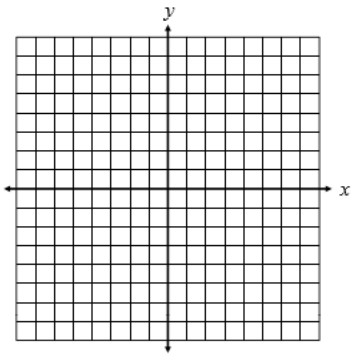
Name:_____

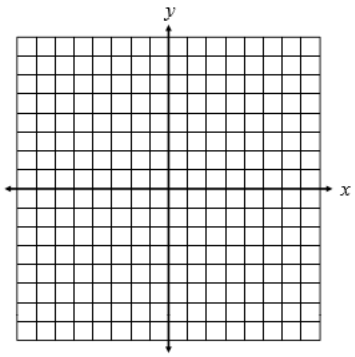
HOMEWORK

Directions: State the slope and y-intercept, then graph the equation.

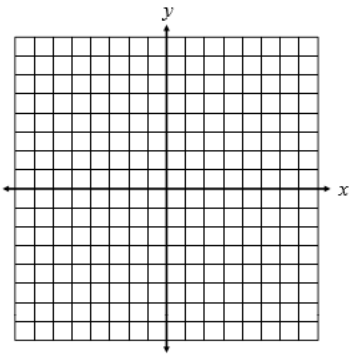
1. $y = \frac{2}{3}x + 1$



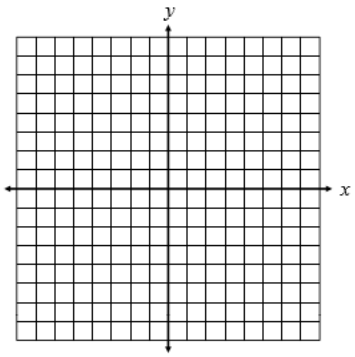
2. $y = \frac{4}{3}x - 2$



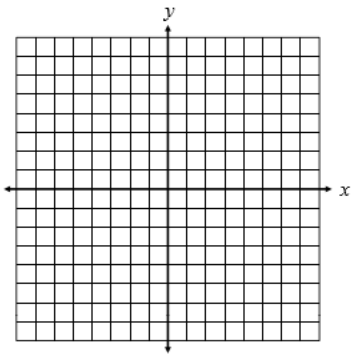
3. $y = -\frac{1}{2}x - 4$



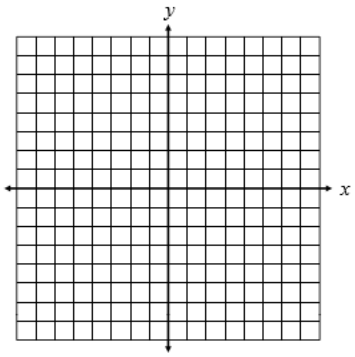
4. $y = -3x + 7$



5. $y = 2x - 5$

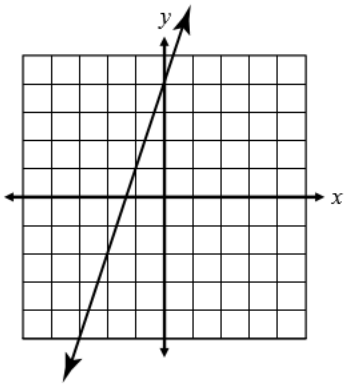


6. $y = \frac{1}{4}x - 3$



Directions: Chose the equation that best matches the line on the graph.

15.



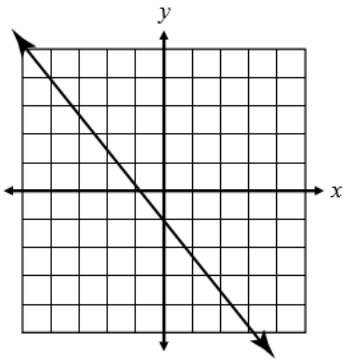
A. $y = 3x + 4$

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

C. $y = -3x + 4$

D. $y = -\frac{1}{3}x - 4$

16.



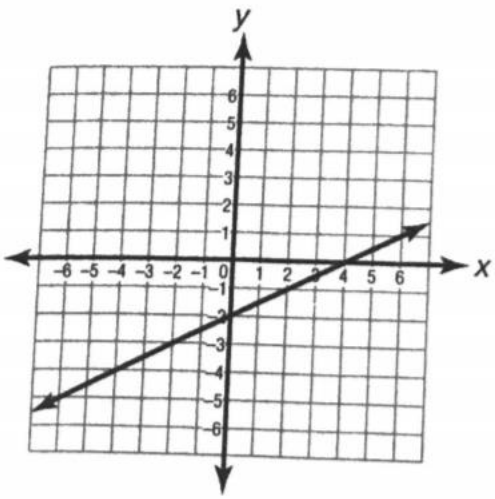
A. $y = \frac{4}{5}x - 1$

B. $y = -\frac{4}{5}x - 1$

C. $y = \frac{5}{4}x - 1$

D. $y = -\frac{5}{4}x - 1$

What is the y-intercept of this line?



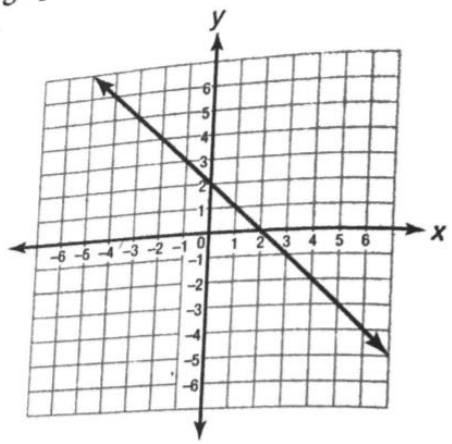
A. $(-2, 0)$

B. $(0, -2)$

C. $(0, 4)$

D. $(4, 0)$

Which equation best represents the line graphed below?



A. $y = -2x + 1$

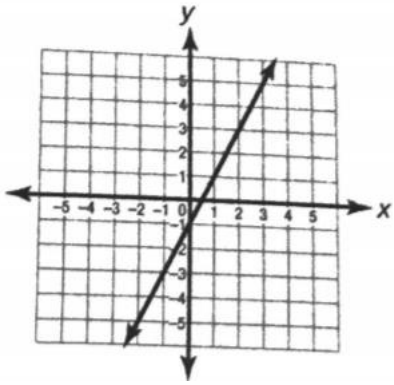
B. $y = -x + 2$

C. $y = x + 2$

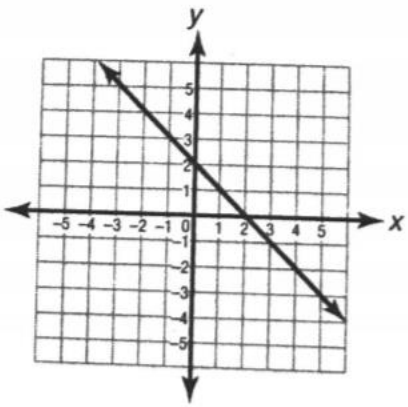
D. $y = 2x - 1$

Which graph represents the equation $y = 2x - 1$?

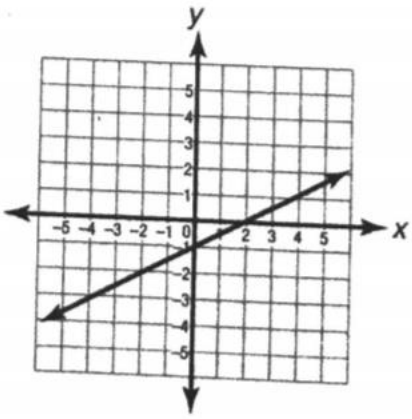
A.



B.



C.



D.