TEST NAME: **EE.6**

TEST ID: **1267307**

GRADE: **08 - Eighth Grade**

SUBJECT: **Mathematics**

TEST CATEGORY: **School Assessment**

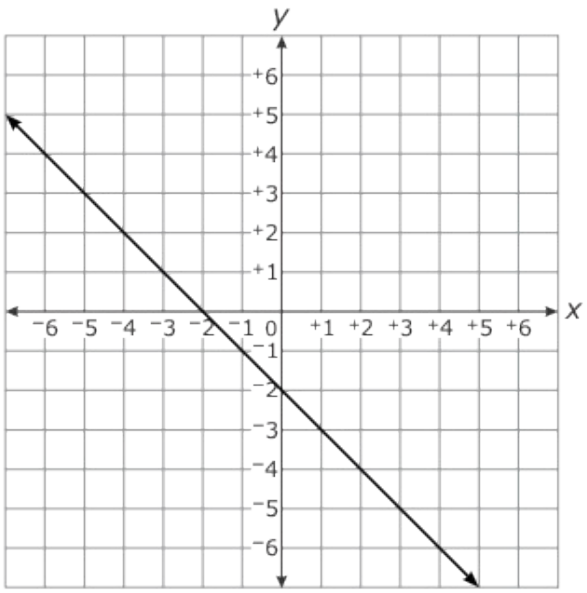
Student: _____

Class: _____

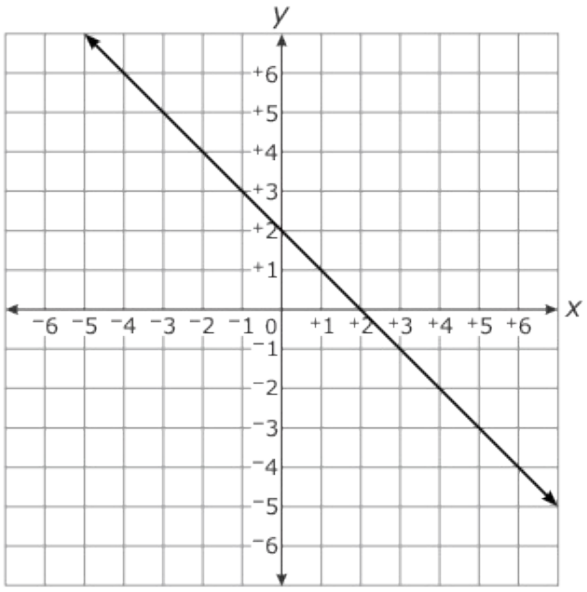
Date: _____

1. Which is the graph of $y = {}^{-}x - 2$?

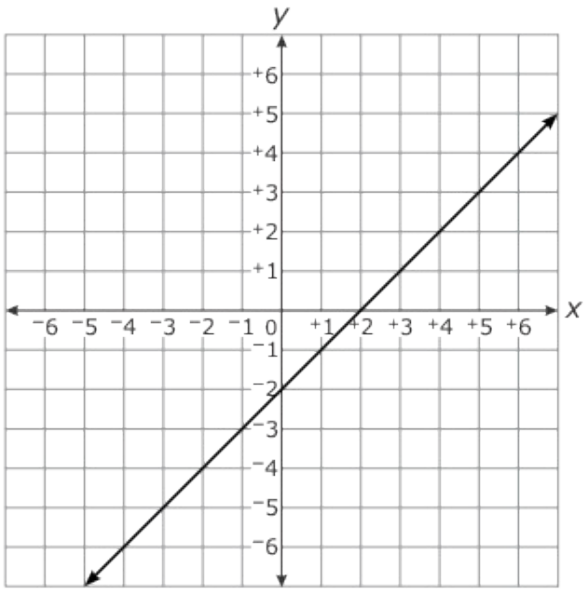
A.



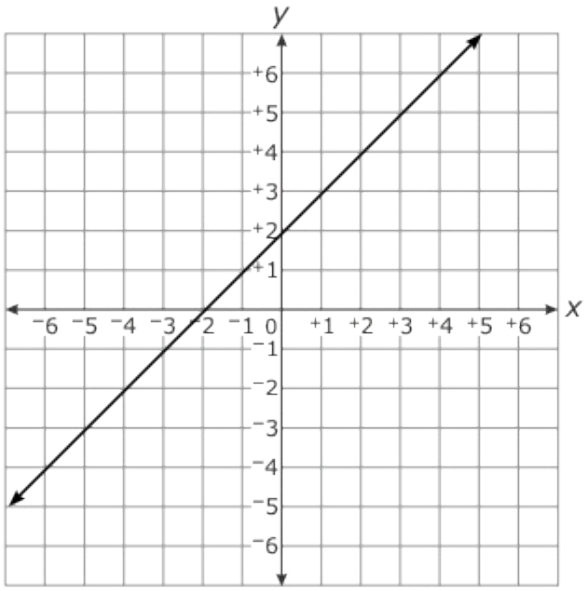
B.



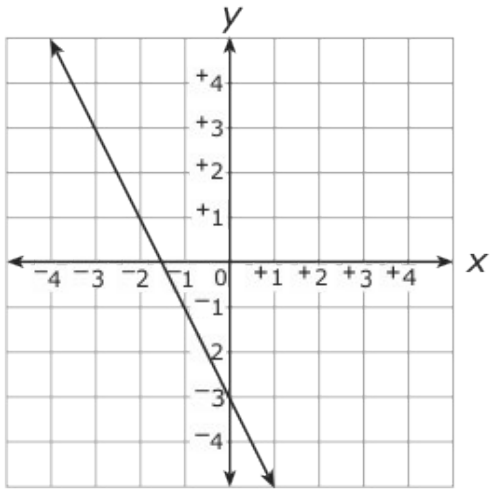
C.


y
x
+6
+5
+4
+3
+2
+1
−6 −5 −4 −3 −2 −1 0 +1 +2 +3 +4 +5 +6
−1
−2
−3
−4
−5
−6

D.


y
x
+6
+5
+4
+3
+2
+1
−6 −5 −4 −3 −2 −1 0 +1 +2 +3 +4 +5 +6
−1
−2
−3
−4
−5
−6

2. Which is an equation of the line graphed below?



A. $y = 2x - 3$

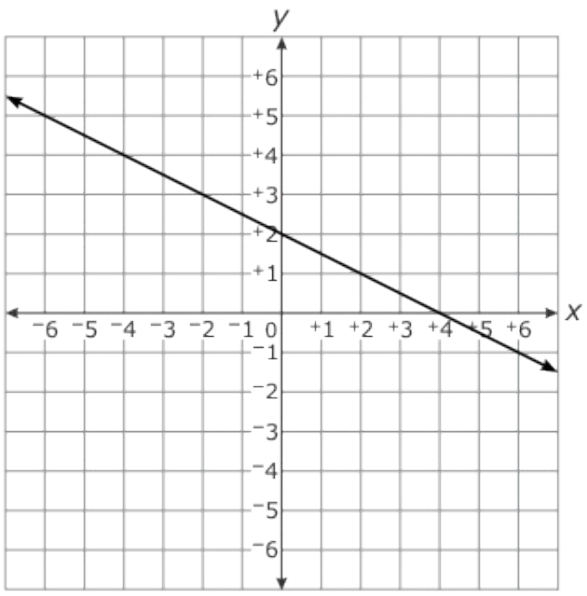
B. $y = \frac{1}{2}x - 3$

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

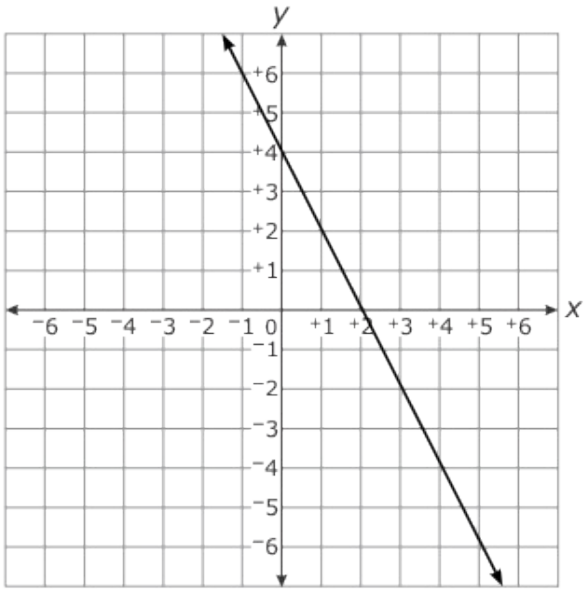
D. $y = -2x - 3$

3. Which graph below shows the line for the equation $y = 2x + 4$?

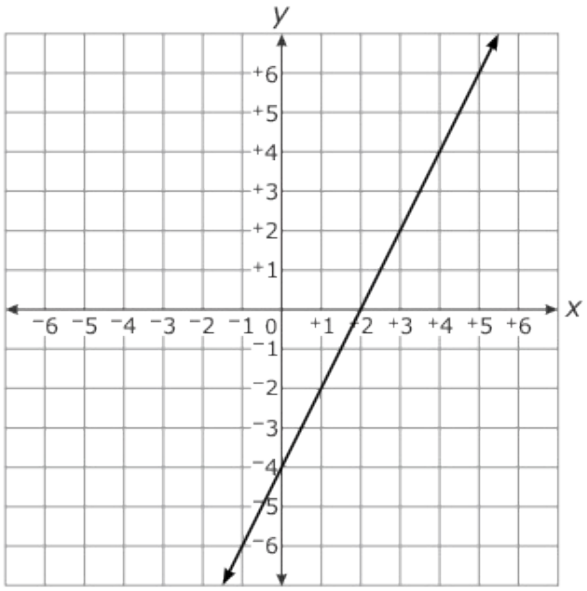
A.



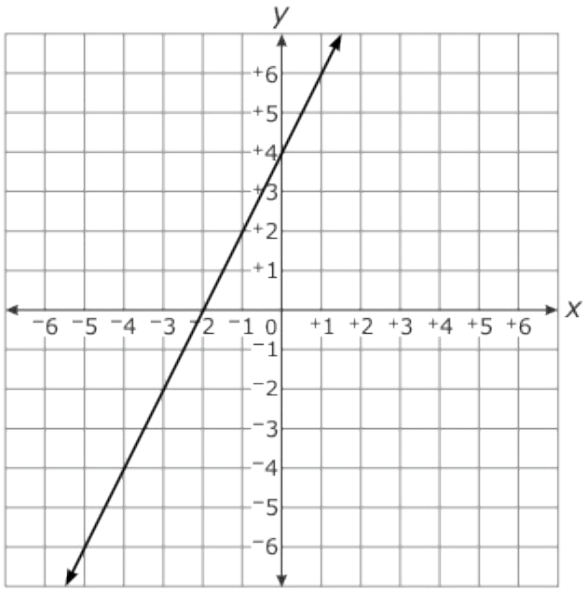
B.


y
x
+6
+5
+4
+3
+2
+1
−6 −5 −4 −3 −2 −1 0 +1 +2 +3 +4 +5 +6
−1
−2
−3
−4
−5
−6

C.

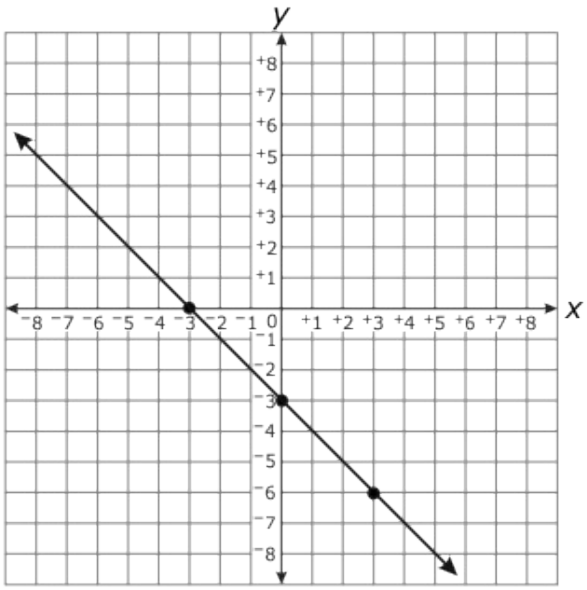

y
x
+6
+5
+4
+3
+2
+1
−6 −5 −4 −3 −2 −1 0 +1 +2 +3 +4 +5 +6
−1
−2
−3
−4
−5
−6

D.

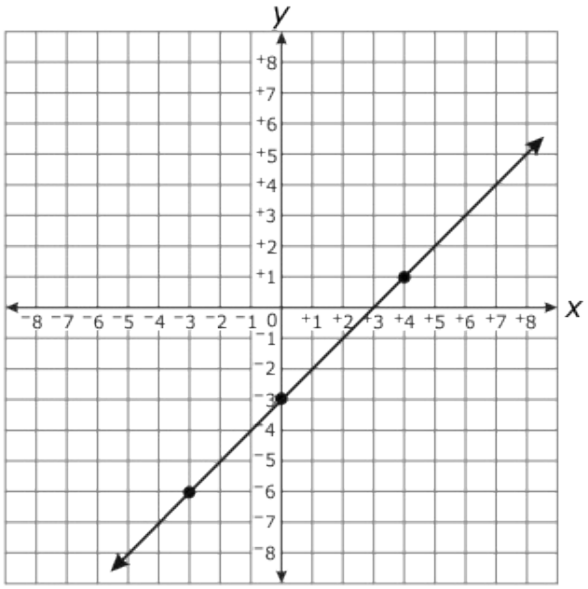


4. Which shows the graph of the equation $y = {}^{-}x - 3$?

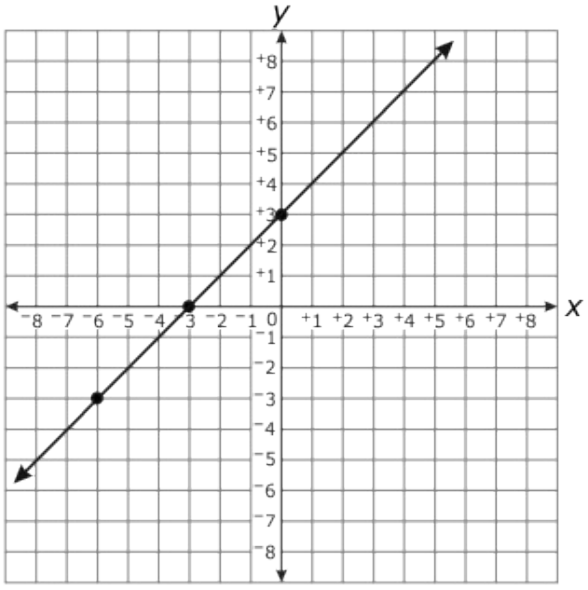
A.



B.



C.



5. **What is the equation of a line with a *y*-intercept of −3 and a slope of 5?**

A. $y = -3x - 5$

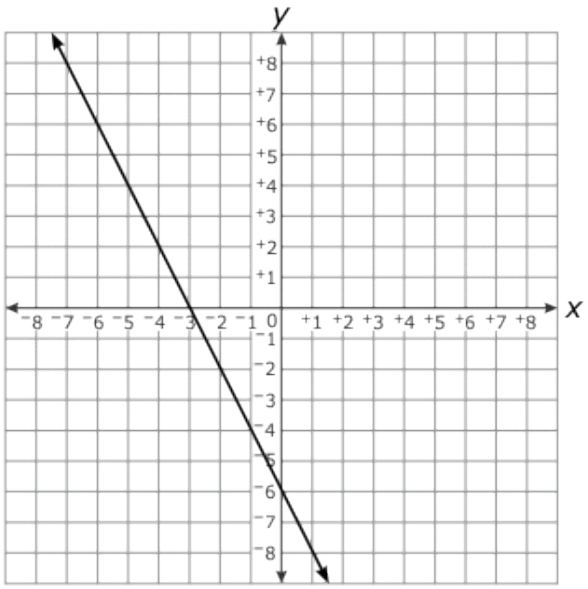
B. $y = -3x + 5$

C. $y = 5x - 3$

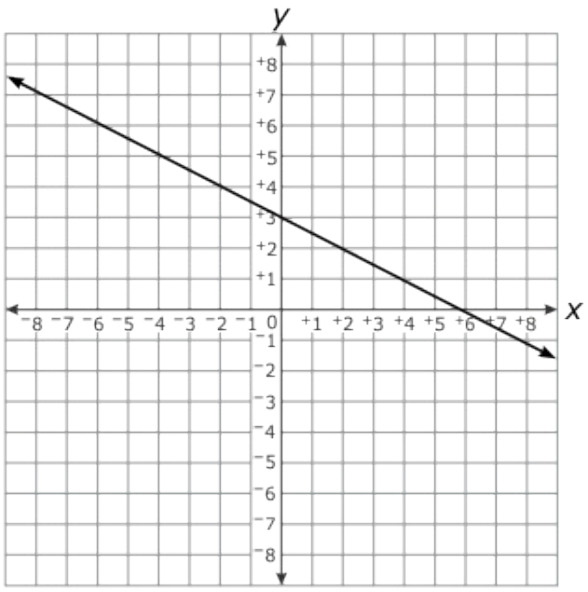
D. $y = 5x + 3$

6. Which shows the graph of the equation $y = 2x - 6$?

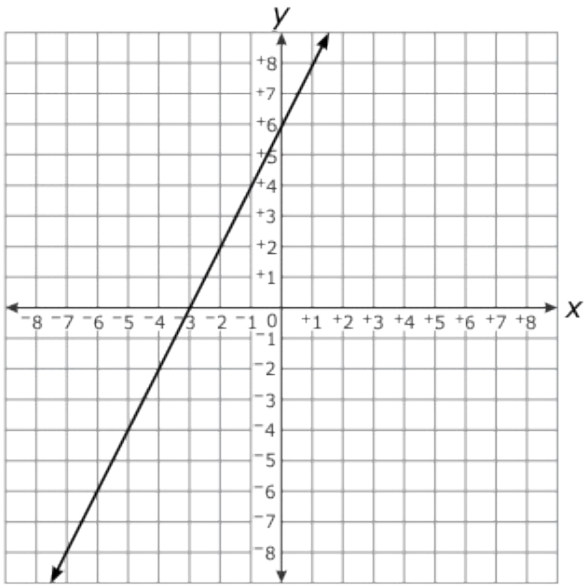
A.


y
x
+8 +7 +6 +5 +4 +3 +2 +1
−8 −7 −6 −5 −4 −3 −2 −1 0 +1 +2 +3 +4 +5 +6 +7 +8
−1 −2 −3 −4 −5 −6 −7 −8

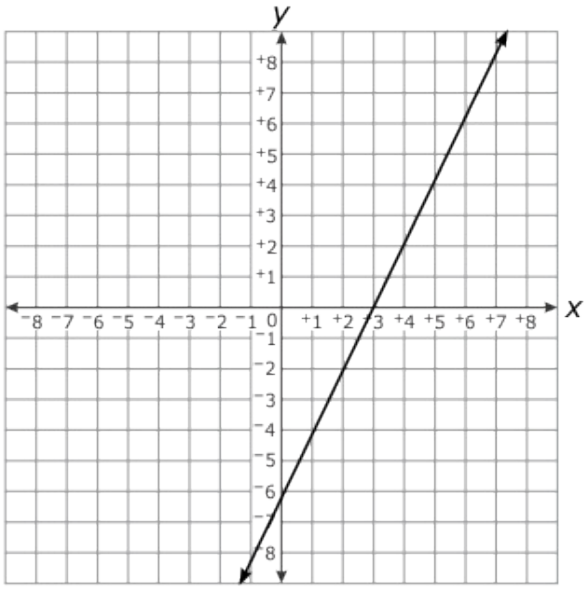
B.


y
x
+8 +7 +6 +5 +4 +3 +2 +1
−8 −7 −6 −5 −4 −3 −2 −1 0 +1 +2 +3 +4 +5 +6 +7 +8
−1 −2 −3 −4 −5 −6 −7 −8

C.



D.



7. **What is the equation of the line with a *y*-intercept of −10 and a slope of 3?**

A. $y = -10x - 3$

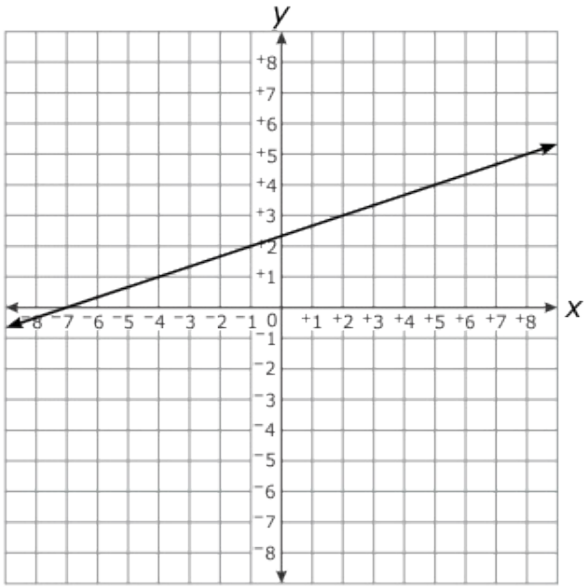
B. $y = -10x + 3$

C. $y = 3x - 10$

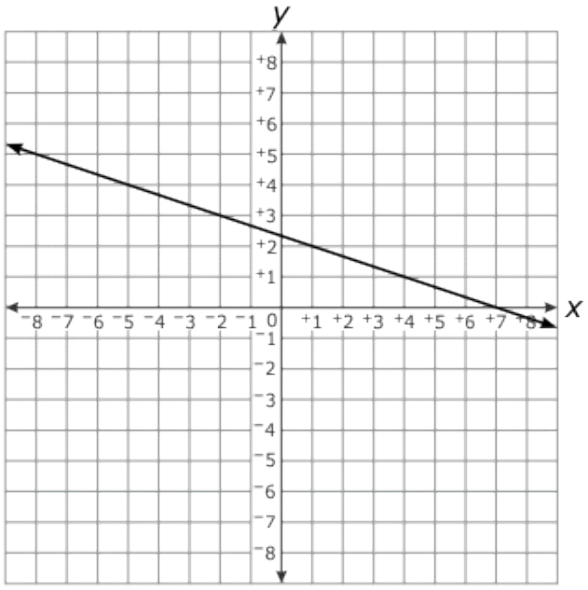
D. $y = 3x + 10$

8. Which is the graph of $y = 3x - 7$?

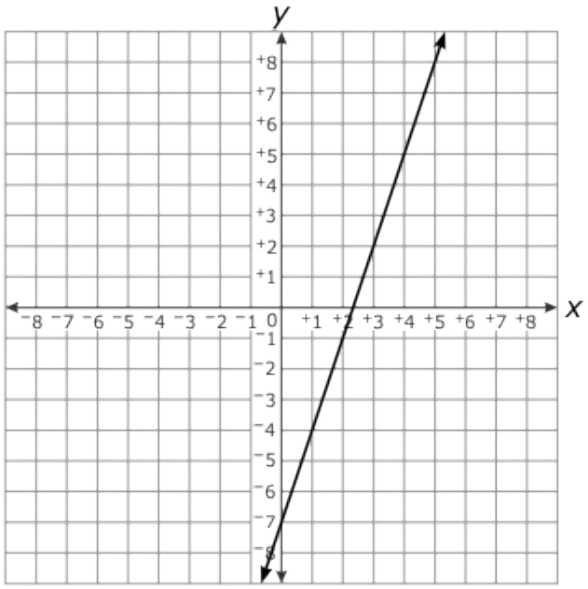
A.



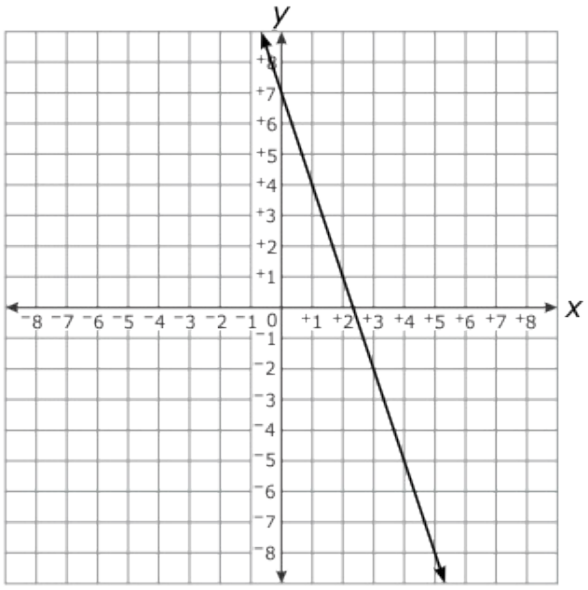
B.



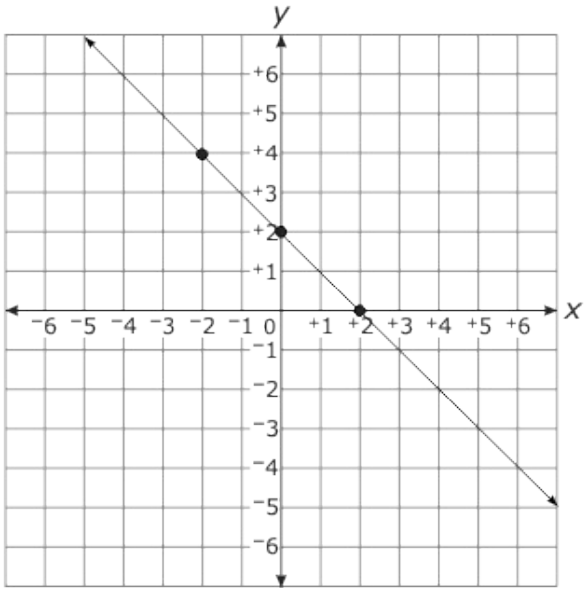
C.



D.



9. Which is an equation of the line graphed below?



A. $y = 2x$

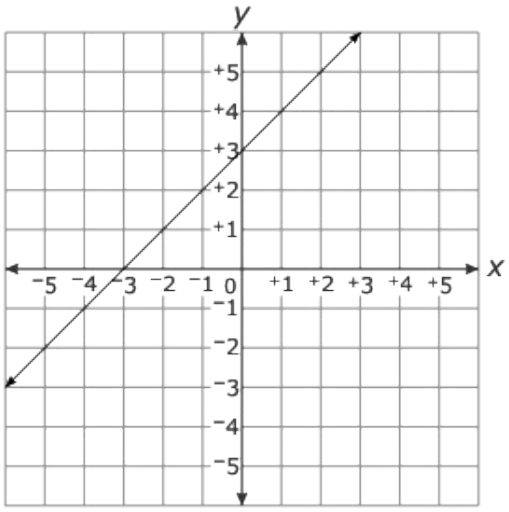
B. $y = x + 2$

C. $y = {}^{-}x + 2$

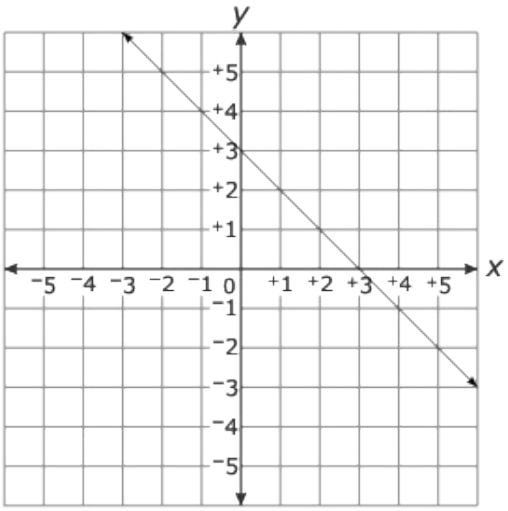
D. $y = {}^{-}2x$

10. Which is the graph of the equation $y = x + 3$?

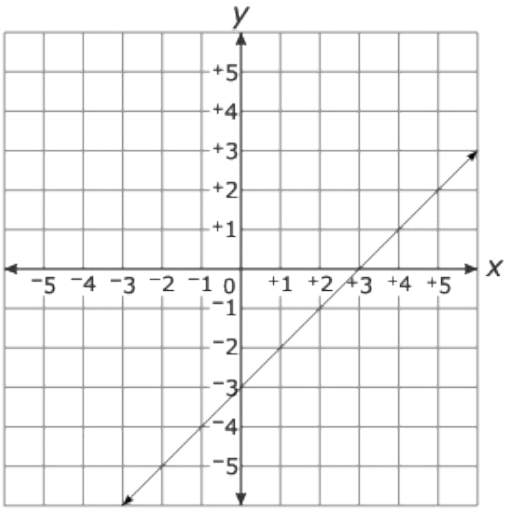
A.



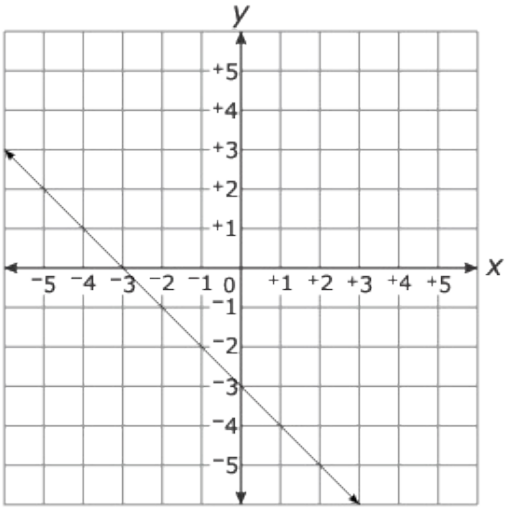
B.


y
x
+5
+4
+3
+2
+1
−5 −4 −3 −2 −1 0 +1 +2 +3 +4 +5
−1
−2
−3
−4
−5

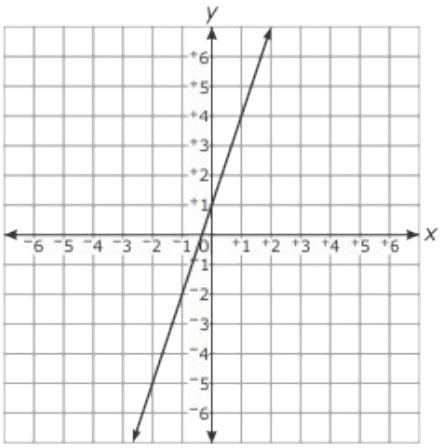
C.


y
x
+5
+4
+3
+2
+1
−5 −4 −3 −2 −1 0 +1 +2 +3 +4 +5
−1
−2
−3
−4
−5

D.


y
x
+5
+4
+3
+2
+1
−5 −4 −3 −2 −1 0 +1 +2 +3 +4 +5
−1
−2
−3
−4
−5

11. Which choice is a correct equation for the line graphed below?



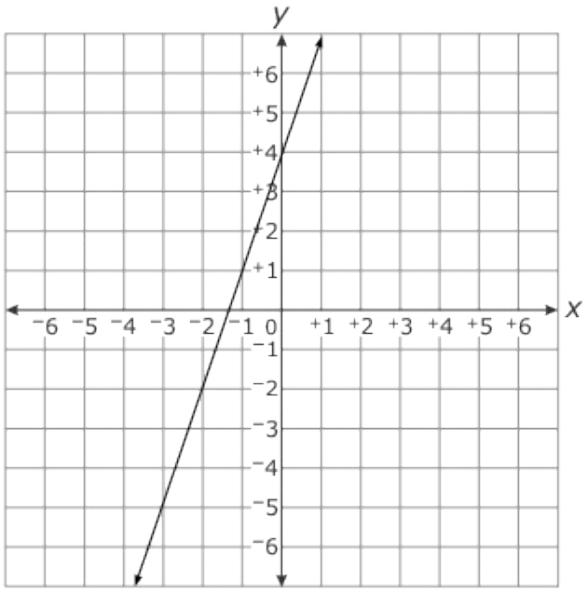
A. $y = 3x + 1$

B. $y = 2x + 1$

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

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

12. Which is an equation of the line graphed below?



A. $y = 3x + 4$

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

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

D. $y = -3x + 4$