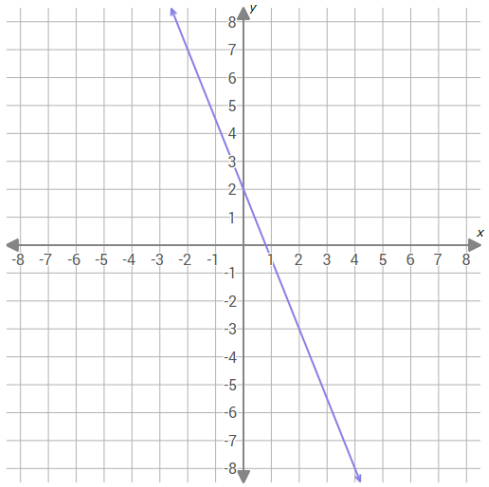
Writing Linear Equations Using a Graph

Name_____ Period:_____ Date:_____

Directions: Use the information given to solve each problem.

1. The graph of a line is shown in the coordinate plane below.



A. $y = \frac{5}{2}x + 2$

B. $y = -\frac{5}{2}x + 2$

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

D. $y = \frac{2}{5}x + 2$

Which equation represents the graphed line?

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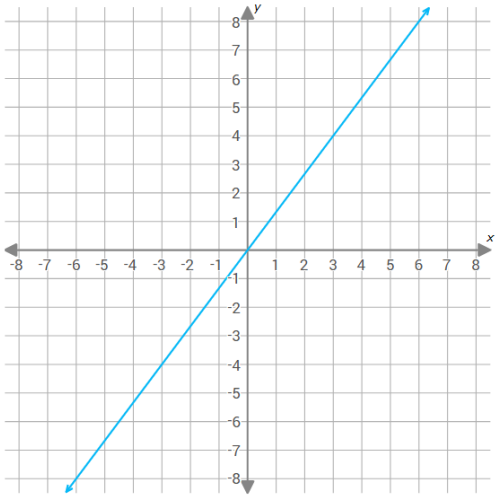
2. The graph of a line is shown in the coordinate plane below.



A. $y = \frac{4}{3}x$

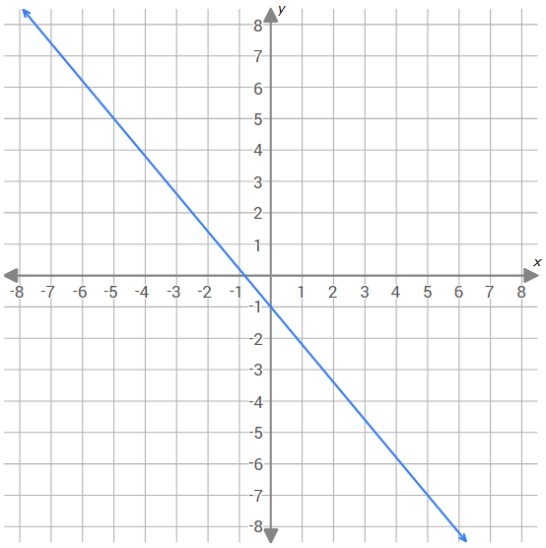
B. $y = \frac{4}{3}x + 1$

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

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

Which equation represents the graphed line?

3. The graph of a line is shown in the coordinate plane below.



A. $y = -\frac{5}{6}x - 1$

B. $y = \frac{6}{5}x - 1$

C. $y = -\frac{6}{5}x + 1$

D. $y = -\frac{6}{5}x - 1$

Which equation represents the graphed line?

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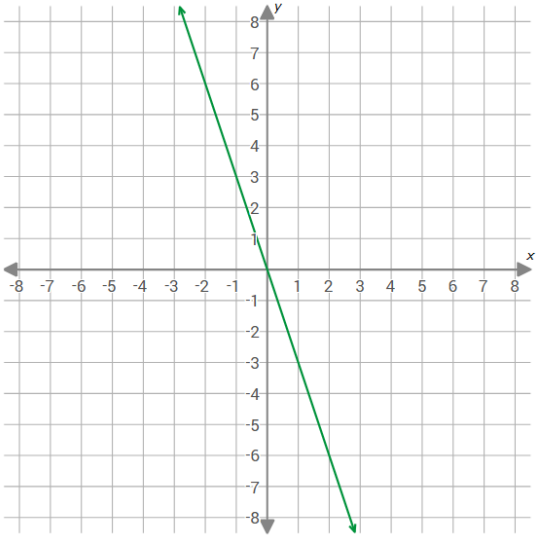
4. The graph of a line is shown in the coordinate plane below.



A. $y = -3x$

B. $y = 3x$

C. $y = -3x + 1$

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

Which equation represents the graphed line?

Answer Key

1. B
2. A
3. D
4. A