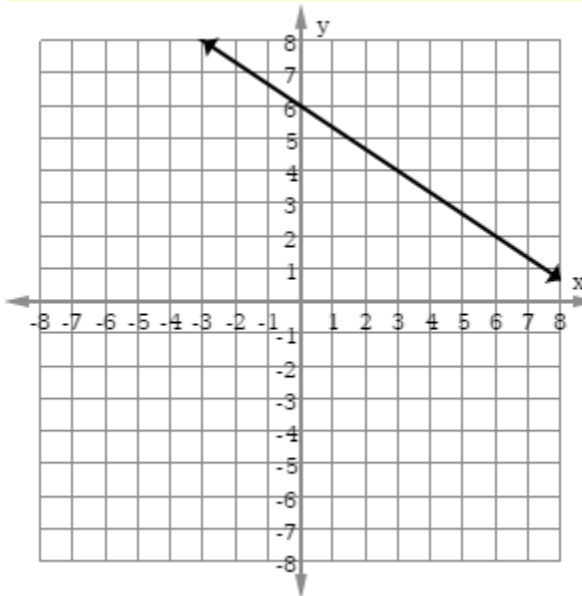


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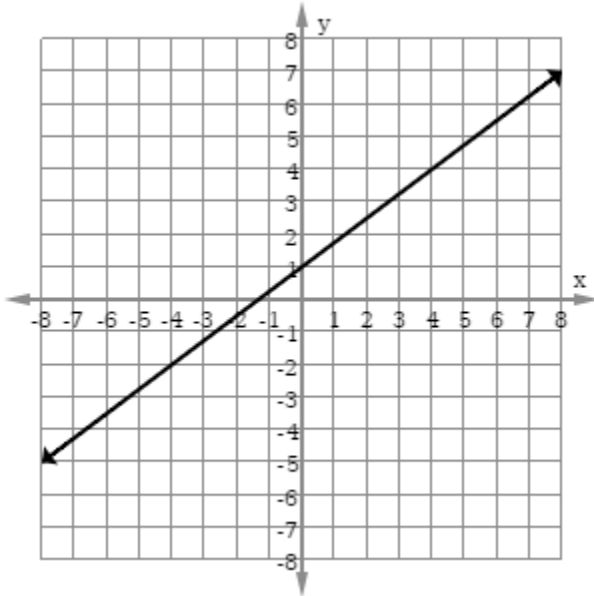
1A.6b

1. Write an equation for the line that passes through $(1, -9)$ and $(1, 12)$.
2. Write an equation for the line graphed below in slope-intercept, standard and point-slope forms.



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3. Select the two equations that represent lines perpendicular to the line graphed below.



- $y = -\frac{4}{3}x + 2$
 - $y = -3x + 1$
 - $y = \frac{3}{4}x - 5$
 - $y = -\frac{4}{3}x - 10$
 - $y = 4x + 1$
 - $y = \frac{3}{4}x + 7$
4. Which is the equation of a horizontal line?
- A. $x = 9$
 - B. $x = y + 5$
 - C. $y = -2$
 - D. $y = x - 3$
5. Which equation represents a line with a slope of -1 that passes through (8,5)?
- A. $y = \frac{5}{8}x - 1$
 - B. $y = -x + 13$
 - C. $y = -x + 40$
 - D. $y = \frac{8}{5}x - 1$

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6. Which is an equation of a line that has a y -intercept of 7 and is parallel to the graph of $y = 5x - 3$?

A. $y = 5x - 7$

B. $y = 5x + 7$

C. $y = \frac{5}{7}x - 3$

D. $y = -\frac{1}{5}x + 7$