

Find the slope of the line that goes through the given points.

1) $(7, -7), (9, 1)$

A) $\frac{1}{4}$

B) 4

C) - 4

D) $-\frac{3}{8}$

1) _____

2) $(-7, -4), (-5, -4)$

A) 0

B) - 4

C) $\frac{2}{3}$

D) Undefined

2) _____

Use the given conditions to write an equation for the line in point-slope form.

3) Slope = 2, passing through $(7, 2)$

A) $y - 2 = 2(x - 7)$

B) $x - 2 = 2(y - 7)$

C) $y = 2x - 12$

D) $y + 2 = 2(x + 7)$

3) _____

Use the given conditions to write an equation for the line in slope-intercept form.

4) Slope = -2, passing through $(3, 8)$

A) $y - 8 = -2x - 3$

B) $y = -2x + 14$

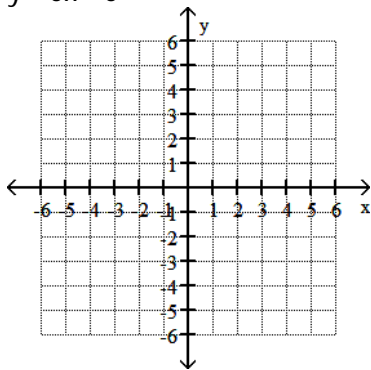
C) $y - 8 = x - 3$

D) $y = -2x - 14$

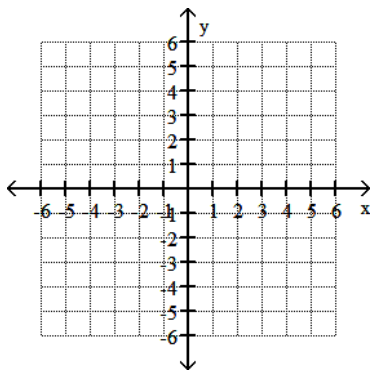
4) _____

Graph the line whose equation is given.

5) $y = 3x - 3$

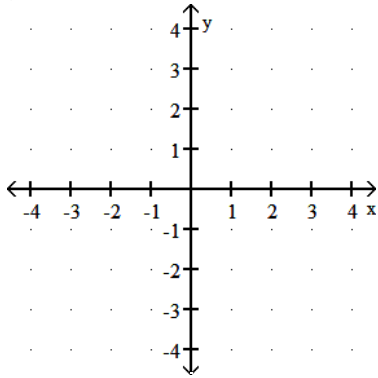


6) $y = -\frac{1}{2}x - 2$



Graph the equation in the rectangular coordinate system.

7) $y = -5$



Determine the slope and the y-intercept of the graph of the equation.

8) $x + 7y - 1 = 0$

A) $m = -\frac{1}{7}; \left(0, \frac{1}{7}\right)$

B) $m = \frac{1}{7}; \left(0, \frac{1}{7}\right)$

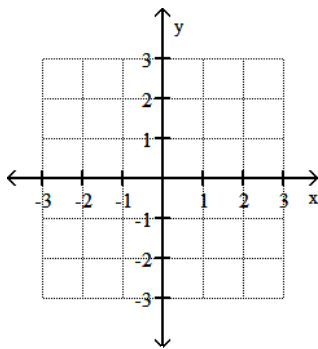
C) $m = 1; (0, 1)$

D) $m = -7; (0, 7)$

8) _____

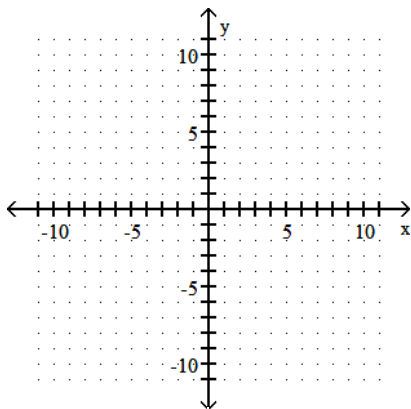
Graph the equation.

9) $2x + 3y - 10 = 0$



Graph the linear function by plotting the x- and y-intercepts.

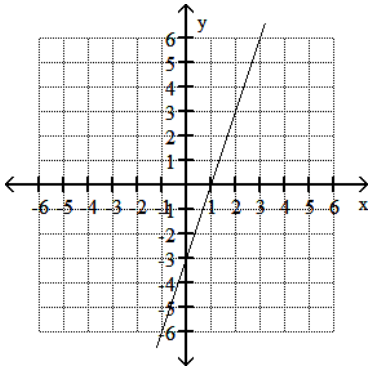
10) $-\frac{1}{2}x + y - 3 = 0$



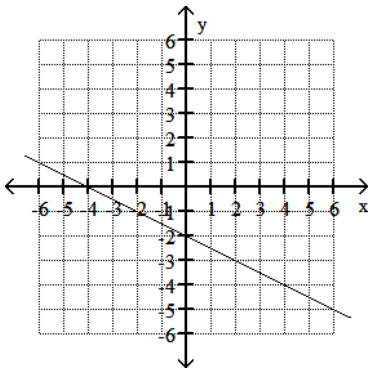
Answer Key

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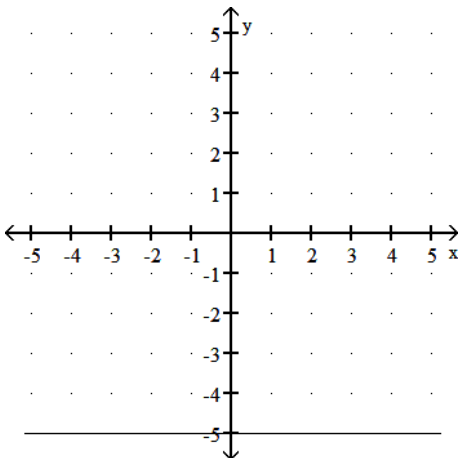
- 1) B
- 2) A
- 3) A
- 4) B
- 5)



6)



7)

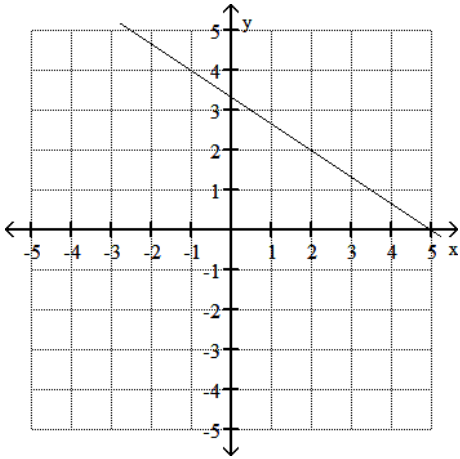


8) A

Answer Key

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9)



10) intercepts: $(0, 3)$, $(-6, 0)$

