Chapter 5 Review

Answers (repuestas) **p.267 #11, 14, 17, 18, 31, 34, 47, 50, 53, 54**

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

14) $y = -3$

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

18) $y = \frac{1}{4}x - 3$

31) C

34) Horizontal

47) yes, same slopes

50) yes, slopes are negative reciprocals

53) $y = 5x - 11$

54) $y = \frac{1}{3}x + 4$

Due Wednesday: **p.267 #13, 15, 16, 19, 32, 33, 35, 48, 51, 55**

***Answers are on page 671**

1) Find the slope of the line that passes through (-2, 1) and (6, -1).

$$\frac{-1-1}{6+(2)} = \frac{-2}{6} = \boxed{\frac{-1}{4}}$$

2) Find the solution to the system of equations by graphing.

$$y = x + 2$$

$$x + 2y = 10$$

Name:
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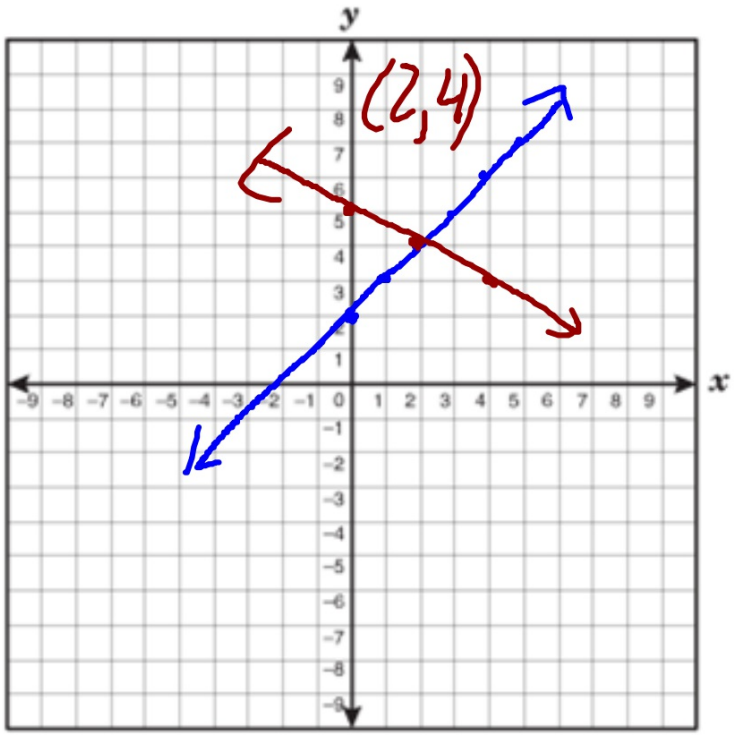

$y = \frac{1}{1}x + 2$

$x + 2y = 10$

$-x \quad -x$

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

$y = -\frac{1}{2}x + 5$

Write each equation in slope-intercept form.

$$-2x-6y=18$$

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