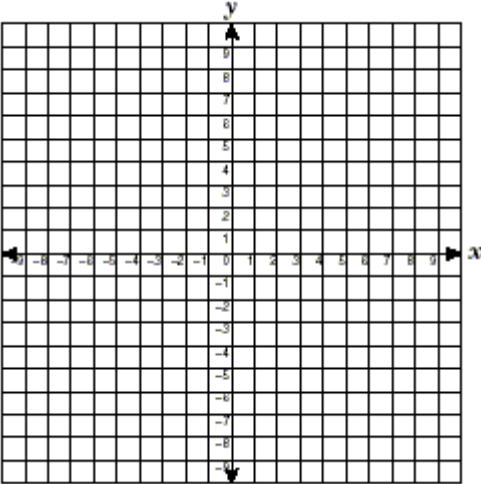


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Lesson 7: Perpendicular Lines Guided Notes

Objective:

Perpendicular Lines

Perpendicular Lines		
Definition	Slopes	Graph
		

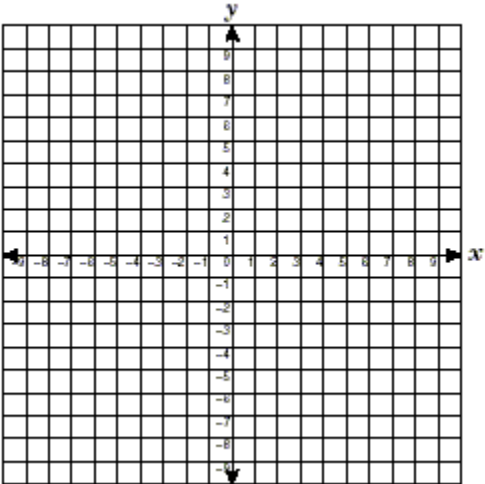
Examples

Find the opposite reciprocals.

- 1.)  $\frac{1}{2}$
- 2.)  $-5$
- 3.)  $-\frac{4}{3}$
- 4.)  $-\frac{6}{5}$
- 5.)  $2$
- 6.)  $\frac{7}{8}$

Write the slope-intercept form of an equation of the line that passes through the given point and is perpendicular to the graph of each equation.

7.)  $(4, 7), y = \frac{2}{3}x - 1$



Date: \_\_\_\_\_

Write the slope-intercept form of an equation of the line that passes through the given point and is perpendicular to the graph of each equation.

8.)  $(5, 8)$ ,  $2y + 5x = 2$

