Warm Up Quiz

If you finish early work on:

1) What is the slope of a horizontal line? __zero__

2) Perpendicular lines have __opposite reciprical__ slopes.

3) Parallel lines have __equal__ slopes.

4) The line y= -3x +7 has a slope of __-3__.

$$y = mx + b$$

5) In the equation y= -3x +7 the 7 is known as __y-int__.

6) Calculate the slope of (2,-5) (3,2) . $\dfrac{y_2 - y_1}{x_2 - x_1}$ $\dfrac{2 - (-5)}{3 - 2}$ $\dfrac{7}{3}$

7) The slope is -2/3 what is the slope of the line perpendicular. $\dfrac{3}{2}$

8) What is the slope of a line if x intercept =-5   and y intercept = -1

$$(-5, 0) \qquad (0, -1)$$

$$\frac{-1 - 0}{0 - (-5)} = \frac{-1}{5}$$

Homework

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