

Quiz OUTLINE

Quiz Wednesday (Similar to all warm ups) :

Must Know

Slope of Horizontal is zero

Vertical lines have slope undefined,

Perpendicular Slopes have opposite reciprocals \rightarrow opposite sign and flip fraction

Parallel lines have equal slopes

Know which number represents the y-intercept and slope in an equation given in the form $y=mx+b$

$$y = 5x - 7$$

$$m = 5 \quad (\text{slope})$$

$$b = -7 \quad (\text{y-inter})$$

Calculate slope when given two points, Today's warm up

Given a slope know the slope of a line that is perpendicular or parallel to it.

Know that intercepts are points on a line so it can be used to find slope $\left(\frac{\$10}{\text{from HW}} \right)$

Given a word problem, write the equation in the form $y = mx+b$

Ex) A dinner party cost \$15 per person and to rent hall is an additional \$50. Write an equation

$$C = 15p + 50$$