Algebra 1

3.6 (0,0) $y = kx$

Write an equ

Write an equ

linear

slope $m =$

constant of v

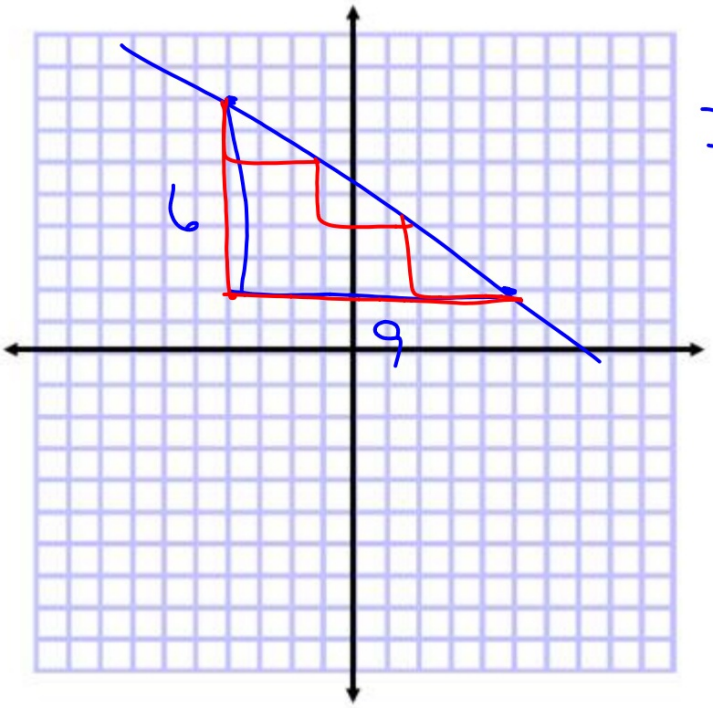
y-intercept

directly prop

proportional

nonproportio

whiteboards(



$\frac{-6}{9} = -\frac{2}{3}$

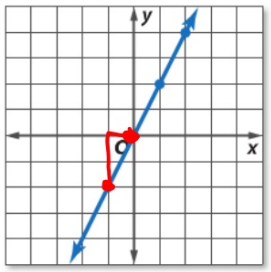
KeyConcept Proportional Relationship

Words A relationship is proportional if its equation is of the form $y = kx$, $k \neq 0$. The graph passes through (0, 0).

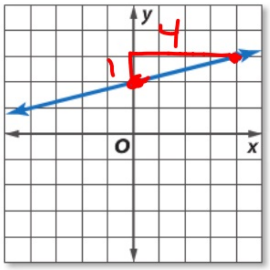
$f(x) = 2x$

$y = \frac{2}{1}x + 0$

5



8.



$y = \frac{1}{4}x + 2$

$f(x) = \frac{1}{4}x + 2$

In-class practice WS:
due at end of class

Quiz Mon. 3.5-3.6
Test Wed. Ch. 3