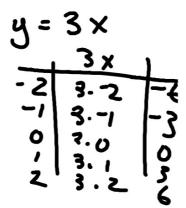
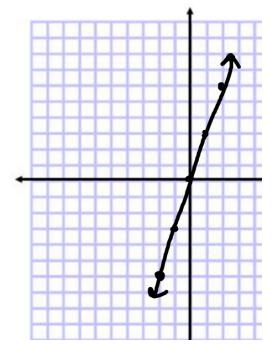
Algebra 1 3.6
Write an equation for a proportional relationship
Write an equation for a nonproportional relationship
linear

slope constant of variation

y-intercept directly proportional proportional nonproportional whiteboards(?)

matching activ.



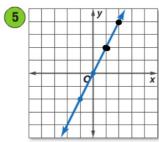


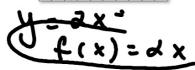


Words

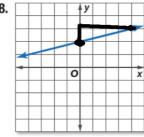
A relationship is proportional if its equation is of the form y = kx, $k \neq 0$. The graph passes through (0, 0).





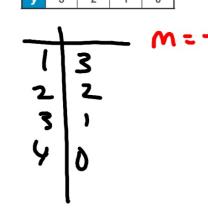


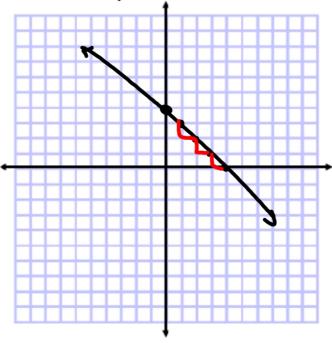
8.



A.

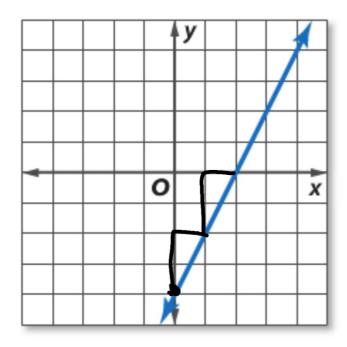
y= -1x+4





Whiteboards

B. Write an equation in function notation for the graph.

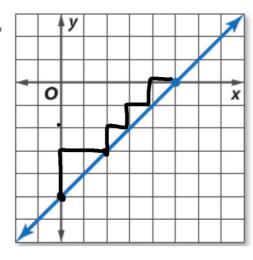


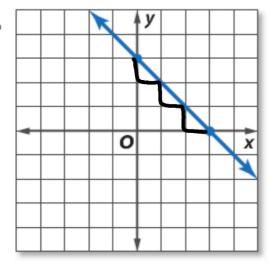
$$m = \frac{2}{7}$$

 $f(x) = 2x + -4$

Write an equation in function notation

2.

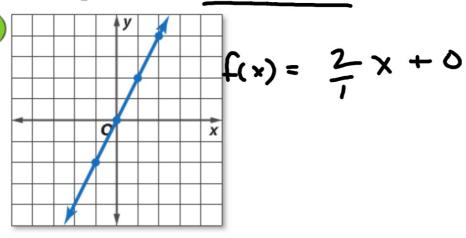


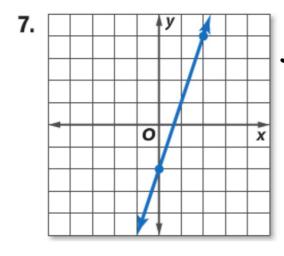


$$f(x) = -x + 3$$

Write an equation in function notation







$$f(\lambda) = \frac{1}{2} \times -7$$