

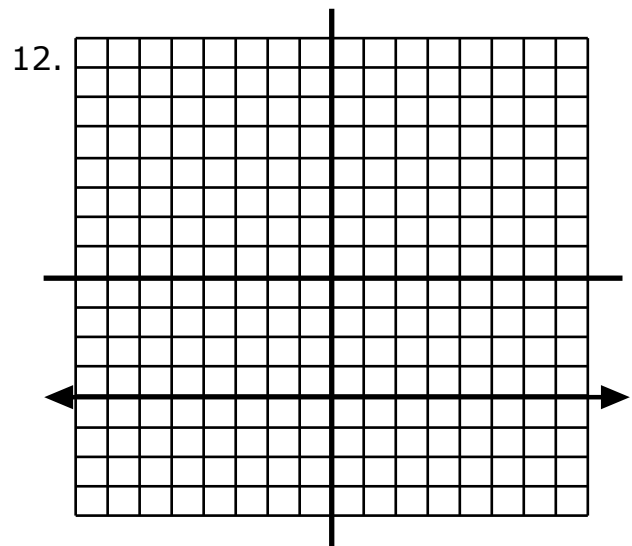
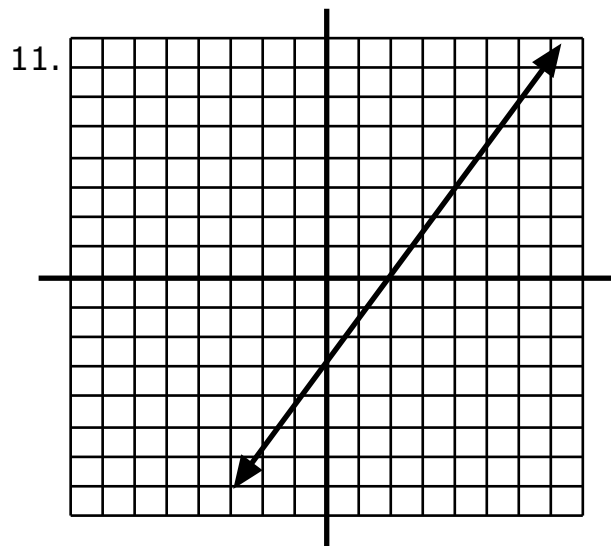
**Module: Linear Equations**  
**Lesson 1: Finding Slope**  
**Homework**

**Name:**  
**Date:**  
**Pd:**

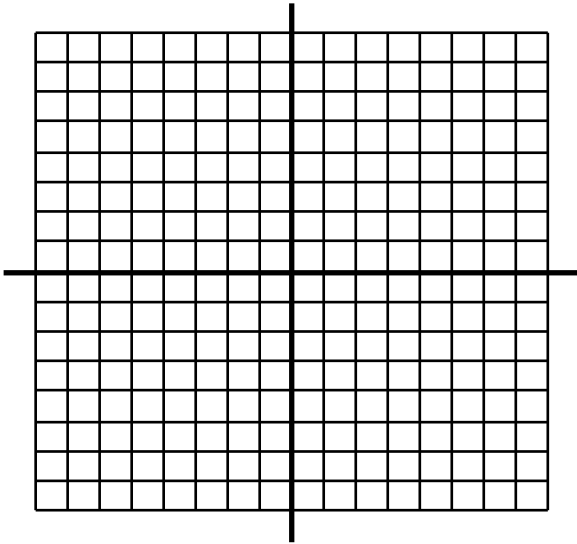
Find the slope of the line through the given points.

1.  $(-1, 2)$  and  $(-5, 10)$
2.  $(-7, 10)$  and  $(1, 10)$
3.  $(1, 3)$  and  $(0, -9)$
4.  $(3, 7)$  and  $(3, -8)$
5.  $(-3, 7)$  and  $(-3, 6)$
6.  $(100, 10)$  and  $(-3, 50)$
7.  $(18, 6)$  and  $(-7, 7)$
8.  $\left(\frac{-1}{2}, \frac{2}{3}\right)$  and  $\left(\frac{3}{2}, \frac{14}{3}\right)$
9.  $(0, 1)$  and  $(4, 0)$
10.  $(5x, y)$  and  $(2x, 2y)$

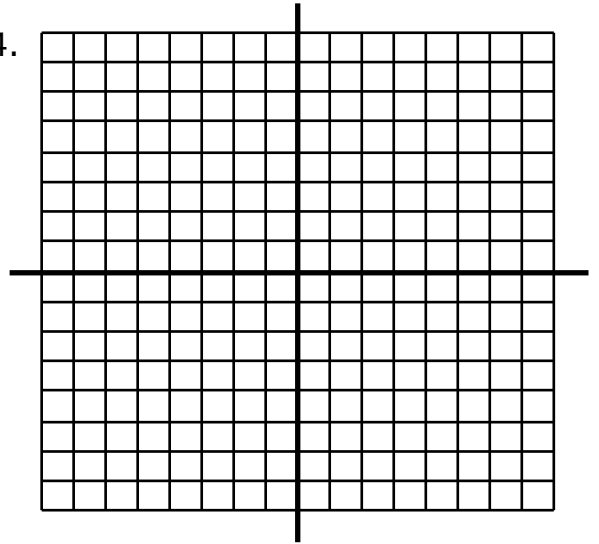
Find the slope of the following:



13.

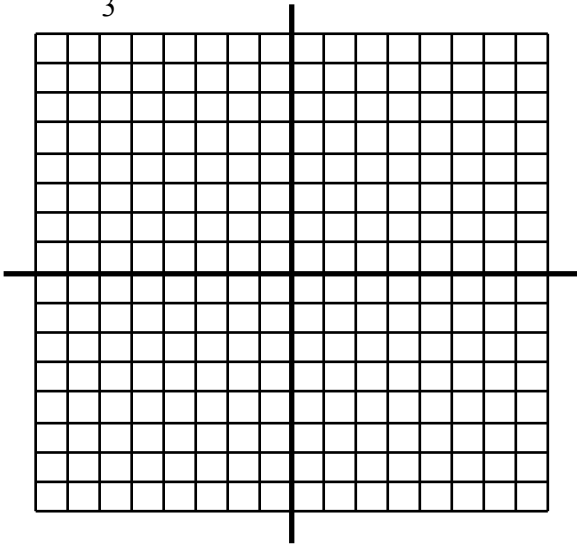


14.

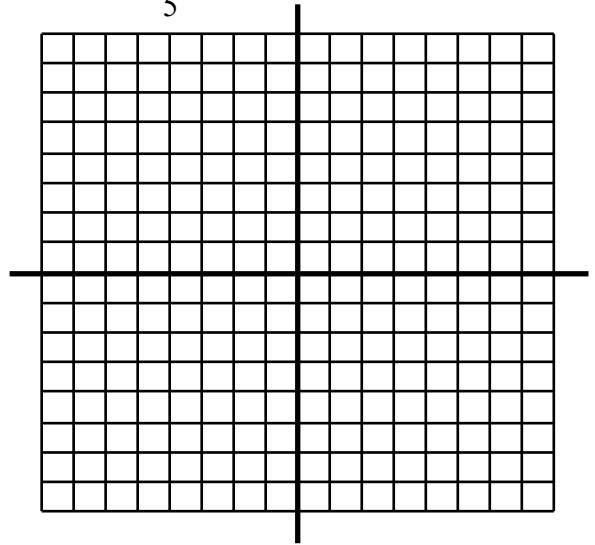


15-18 Graph the line with given slope and through the given point.

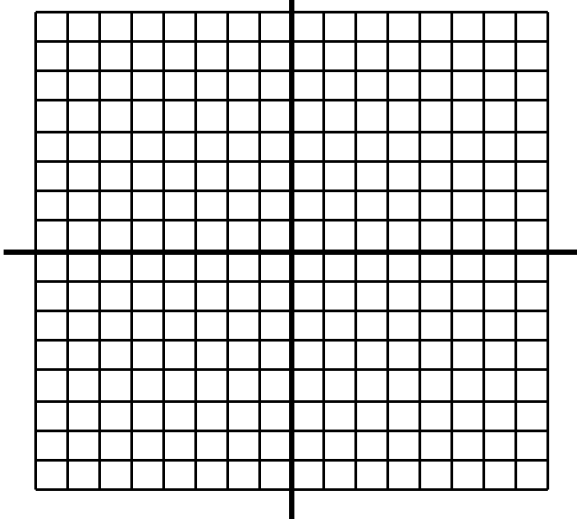
15.  $m = \frac{1}{3}$  and point  $(3,-1)$



16.  $m = \frac{-2}{5}$  and point  $(4,-2)$



17.  $m = \text{undefined}$  and point  $(1,4)$



18.  $m = 4$  and point  $(1,3)$

