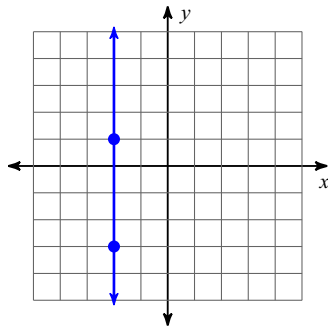


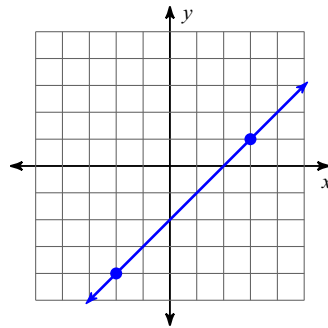
Homework 6.3: Slope of a Line

Find the slope of each line.

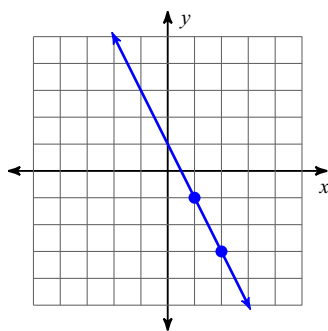
1)



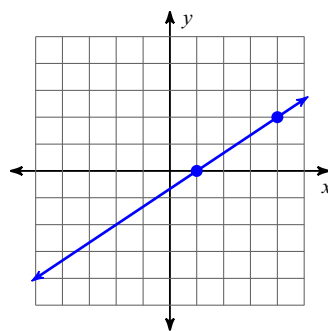
2)



3)

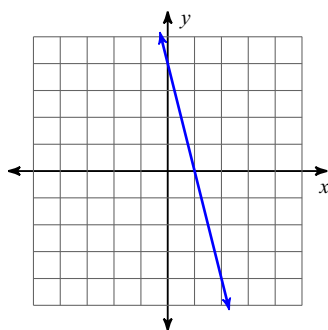


4)

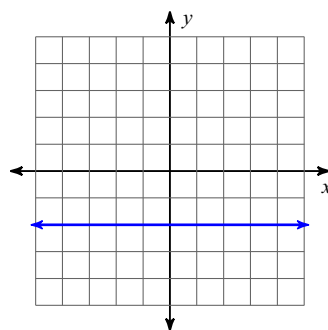


Find the slope of each line. Indicate the two points you are using.

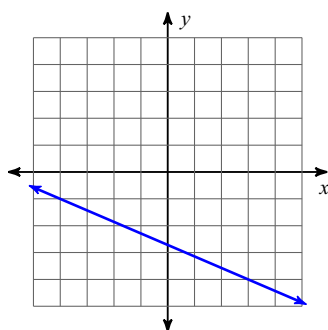
5)



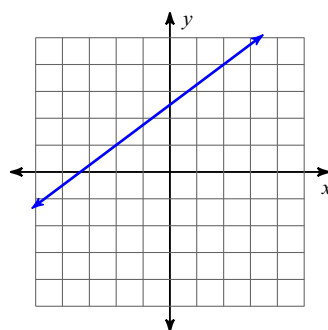
6)



7)



8)



Find the slope between the given points. Show your formula.

9) $(-7, 17), (5, 8)$

10) $(2, -12), (2, -20)$

11) $(-7, 2), (19, 15)$

12) $(16, 2), (4, 0)$

13) $(4, -8), (-11, 17)$

14) $(-14, -15), (2, 20)$

15) $(7, 12), (14, 12)$

16) $(20, 10), (10, -16)$

Find the value of x or y so that the line through the points has the given slope.

17) $(x, 5)$ and $(-6, 9)$; slope: $-\frac{2}{5}$

18) $(2, y)$ and $(7, -6)$; slope: 3

19) $(4, -7)$ and $(-8, y)$; slope: $-\frac{3}{4}$

20) $(x, 5)$ and $(-6, 9)$; slope: $\frac{4}{3}$