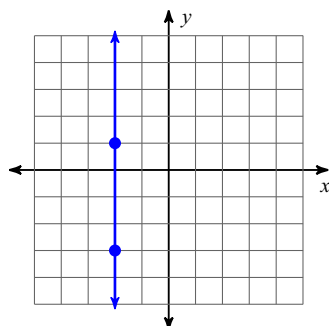


Homework #3: Slope of a Line

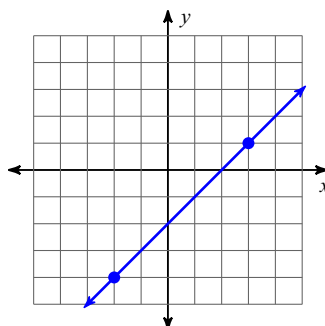
Due Date _____ 5K _____

Find the slope of each line.

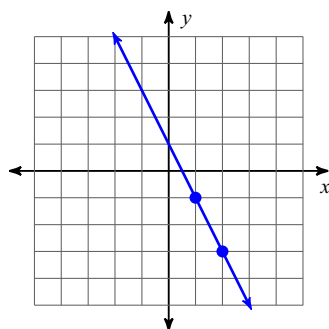
1)



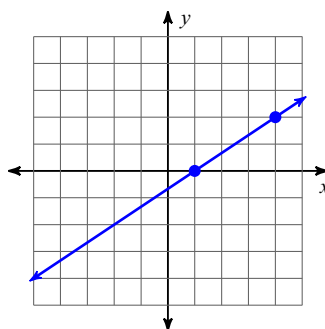
2)



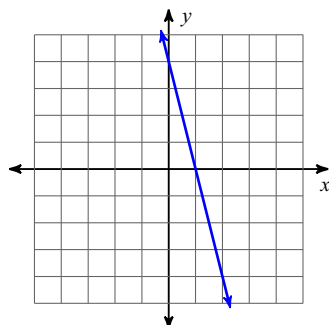
3)



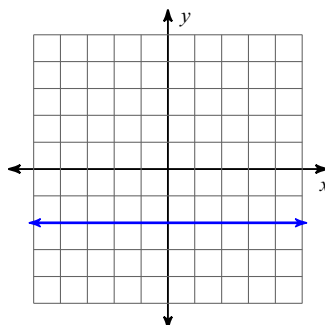
4)

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

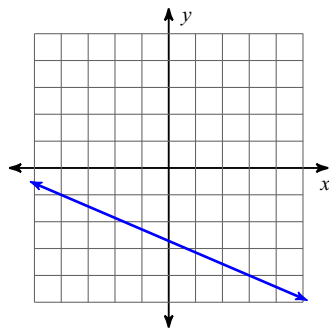
5)



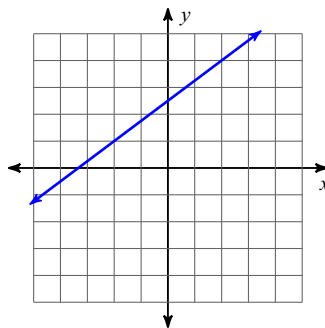
6)



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: $-\frac{4}{3}$