

3.4 find Slope Homework Day 2

Date _____ Period _____

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

1) $(-7, 4)$ and $(-9, y)$; slope: $\frac{9}{2}$

2) $(0, y)$ and $(-3, 5)$; slope: $-\frac{13}{3}$

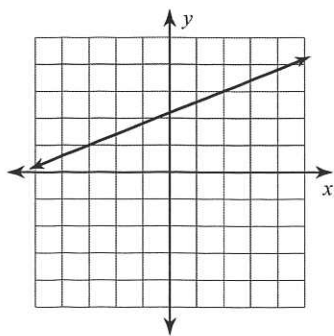
3) $(x, 8)$ and $(6, -3)$; slope: $-\frac{11}{2}$

4) $(4, y)$ and $(6, 4)$; slope: 3

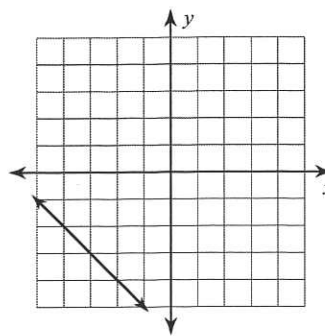
5) $(7, -3)$ and $(x, -8)$; slope: -5

Find the slope of each line.

6)



7)



Find the slope of the line through each pair of points.

8) $(17, 4), (3, 4)$

9) $(7, -19), (12, -7)$

Find the x and y intercepts and graph.

10) $x = 0$

