

Slopes 2

Date _____ Period _____

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

1) $(-3, -3), (18, -3)$

2) $(11, 2), (-9, 17)$

3) $(10, -12), (-6, -20)$

4) $(19, 9), (-5, -6)$

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

5) $(-1, -9)$ and $(3, y)$; slope: 2

6) $(x, -9)$ and $(-2, -7)$; slope: undefined

7) $(-5, y)$ and $(-6, 5)$; slope: 0

8) $(4, -4)$ and $(x, -7)$; slope: $\frac{1}{3}$

9) $(1, 5)$ and $(3, y)$; slope: $\frac{1}{2}$

10) $(-8, 1)$ and $(x, 7)$; slope: $\frac{6}{7}$

11) $(-5, y)$ and $(3, 1)$; slope: $\frac{3}{4}$

12) $(-3, y)$ and $(0, -8)$; slope: -3