

Slope

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

1) $(4, -1)$ and $(x, 0)$; slope: $-\frac{1}{3}$

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

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

4) $(-3, 4)$ and $(1, y)$; slope: -1

5) $(-2, -1)$ and $(x, 0)$; slope: 1

6) $(4, y)$ and $(0, 4)$; slope: $-\frac{1}{4}$