

Math 1 Review Slope and Writing Equations of lines

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

1) $(-14, -6), (-18, 16)$

2) $(-13, 5), (-11, 6)$

3) $(3, -4), (-16, -2)$

4) $(-10, -19), (1, 6)$

5) $(-13, 18), (-9, 11)$

6) $(-13, -11), (18, 8)$

7) $(-9, 12), (-6, -6)$

8) $(15, 19), (-12, 4)$

Write the slope-intercept form of the equation of the line through the given points.

9) through: $(-2, 0)$ and $(0, 1)$

10) through: $(0, -3)$ and $(1, 5)$

11) through: $(5, -4)$ and $(-4, 5)$

12) through: $(0, 5)$ and $(-4, 4)$

Write the slope-intercept form of the equation of the line through the given point with the given slope.

13) through: $(2, -5)$, slope = -3

14) through: $(2, 4)$, slope = undefined

15) through: $(-1, 1)$, slope = -5

16) through: $(5, -3)$, slope = $-\frac{1}{5}$

17) through: $(-3, 1)$, slope = -2

18) through: $(2, 1)$, slope = 0