

WS 4.1A Writing Linear Equations

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

1) $(9, 12), (16, -4)$

2) $(12, 16), (-4, 10)$

3) $(16, -4), (10, -15)$

4) $(8, 9), (12, 16)$

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

5) through: $(2, 1)$ and $(-2, 4)$

6) through: $(-1, 2)$ and $(-1, -3)$

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

8) through: $(0, -3)$ and $(4, 0)$

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

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

11) $f(0) = 2, f(2) = 4$

12) $f(4) = -3, f(0) = -2$