

Name: _____

Date: _____

Writing Linear Equations**Write the slope-intercept form of the equation of the line through the given points.**1) Through: $(-2, -2), (2, -5)$ 2) Through: $(5, 5), (2, -4)$ 3) Through: $(5, 9), (7, -3)$ 4) Through: $(5, 4), (-4, 3)$ 5) Through: $(-1, 8), (2, -7)$ 6) Through: $(2, -6), (-1, 3)$ 7) Through: $(-4, -2), (-3, 5)$ 8) Through: $(1, -2), (2, 3)$ 9) Through: $(-3, 9), (5, -7)$ 10) Through: $(-1, 4), (0, 4)$



1) Through: $(-2, -2), (2, -5)$

$$y = -\frac{3}{4}x - \frac{7}{2}$$

2) Through: $(5, 5), (2, -4)$

$$y = 3x - 10$$

3) Through: $(5, 9), (7, -3)$

$$y = -6x + 39$$

4) Through: $(5, 4), (-4, 3)$

$$y = \frac{1}{9}x + \frac{31}{9}$$

5) Through: $(-1, 8), (2, -7)$

$$y = -5x + 3$$

6) Through: $(2, -6), (-1, 3)$

$$y = -3x$$

7) Through: $(-4, -2), (-3, 5)$

$$y = 7x + 26$$

8) Through: $(1, -2), (2, 3)$

$$y = 5x - 7$$

9) Through: $(-3, 9), (5, -7)$

$$y = -2x + 3$$

10) Through: $(-1, 4), (0, 4)$

$$y = 4$$