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

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

$y = 4$