

Point-Slope Form Assignment

Write an equation in point-slope form of the line passing through the point given in each case and having slope m .

1. $(2, 3)$; $m = 2$

2. $(12, 43)$; $m = 10$

3. $(-3, -5)$; $m = -2$

4. $(-2, 1)$; $m = \frac{-2}{3}$

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

1. $(4, 0)$, $(-2, 1)$

2. $(5, 1)$, $(0, 2)$

3. $(0, 0)$, $(1, 1)$

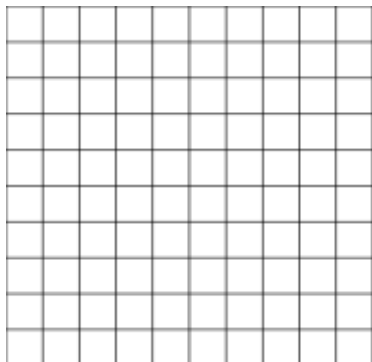
4. $(3, 1)$, $(4, 3)$

Name: _____ Period: _____ Date: _____

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Graph each equation given below.

1. $y + 3 = 2(x + 1)$



2. $y - 2 = -\frac{1}{2}(x + 1)$

