

Review for Quiz: 3 Forms of Linear Equations

Name: _____

1. Write the equation of the line that has the given slope and passes through the given point.

slope = $\frac{1}{2}$; (4, -1)

Point-slope form: _____ (2pt)

Standard form _____ (2pt)

2. Write an equation of the line passing through the points.

(-1, 2), (4, -1)

Slope-intercept form _____ (2pt)

Standard form _____ (2pt)

3. For the following, fill in each blank. (1 pt each) The equations are easiest to graph in the form that they are in. Do NOT transform them into a different form. Graph each from the information requested. (2 pt each)

a) $y = -\frac{1}{2}x + 5$

b) $y + 3 = 4(x - 4)$

c) $4x - 2y = -12$

m = _____ b = _____

m = _____ point = _____

y-int. = _____ x-int. = _____



