

Write in

a) Slope-Intercept Form

b) Standard Form

69) $(-2, -1), (3, -4)$

$$m = \frac{-4 - (-1)}{3 - (-2)} = \frac{-4 + 1}{3 + 2} = -\frac{3}{5}$$

$$y - (-1) = -\frac{3}{5}(x - (-2))$$

$$y + 1 = -\frac{3}{5}(x + 2)$$

$$y + 1 = -\frac{3}{5}x -$$

Point-Slope Form

$$y - y_1 = m(x - x_1)$$

$m = \text{slope}$ $\text{point} = (x_1, y_1)$

Slope-Intercept Form

$$y = mx + b$$

$m = \text{slope}$ $y\text{-int} = (0, b)$

Standard Form

$$Ax + By = C$$