

Writing Equations Given Slope and a Point Practice

Slope of 3 and passes through point $(-2, -5)$

$$x = \underline{\quad} \quad y = \underline{\quad} \quad m = \underline{\quad}$$

$$y = mx + b$$

$$\underline{\quad} = \underline{\quad} (\underline{\quad}) + b$$

$$\underline{\quad} = \underline{\quad} + b$$

$$\underline{\quad} = b$$

$$m = \underline{\quad} \quad b = \underline{\quad}$$

$$y = mx + b$$

$$y = \underline{\quad} x + \underline{\quad}$$

Slope of -1 and passes through point $(-5, 1)$

$$x = \underline{\quad} \quad y = \underline{\quad} \quad m = \underline{\quad}$$

$$y = mx + b$$

$$\underline{\quad} = \underline{\quad} (\underline{\quad}) + b$$

$$\underline{\quad} = \underline{\quad} + b$$

$$\underline{\quad} = b$$

$$m = \underline{\quad} \quad b = \underline{\quad}$$

$$y = mx + b$$

$$y = \underline{\quad} x + \underline{\quad}$$

Slope of $\frac{6}{5}$ and passes through point $(5, 2)$

$$x = \underline{\quad} \quad y = \underline{\quad} \quad m = \underline{\quad}$$

$$y = mx + b$$

$$\underline{\quad} = \underline{\quad} (\underline{\quad}) + b$$

$$\underline{\quad} = \underline{\quad} + b$$

$$\underline{\quad} = b$$

$$m = \underline{\quad} \quad b = \underline{\quad}$$

$$y = mx + b$$

$$y = \underline{\quad} x + \underline{\quad}$$

Slope of $\frac{1}{2}$ and passes through point $(-2, 4)$

$$x = \underline{\quad} \quad y = \underline{\quad} \quad m = \underline{\quad}$$

$$y = mx + b$$

$$\underline{\quad} = \underline{\quad} (\underline{\quad}) + b$$

$$\underline{\quad} = \underline{\quad} + b$$

$$\underline{\quad} = b$$

$$m = \underline{\quad} \quad b = \underline{\quad}$$

$$y = mx + b$$

$$y = \underline{\quad} x + \underline{\quad}$$