

## Equations that might help:

1. Slope-Intercept Form:  $y = mx + b$

2. Point-Slope Form:  $y - y_1 = m(x - x_1)$

3. Slope Formula:  $\frac{y_2 - y_1}{x_2 - x_1}$

Write an equation in Slope-Intercept form given the following information.

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1. Slope:  $-\frac{3}{4}$  y-int: 1

2. Slope:  $\frac{1}{5}$  y-int: -4

3. Slope:  $-\frac{1}{3}$  y-int: -1

4. Slope: 1 y-int: 3

5. Slope:  $-\frac{5}{4}$  y-int: 0

6. Slope: -1 y-int: 2

Write an equation in Slope-Intercept form given the following information.

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1. Slope:  $-\frac{1}{2}$  Point:  $(-2, 2)$  2. Slope:  $0$  Point:  $(3, -5)$

3. Slope:  $2$  Point:  $(2, 0)$  4. Slope:  $-1$  Point:  $(1, 3)$

5. Slope:  $-\frac{1}{5}$  Point:  $(-5, -3)$  6. Slope:  $-\frac{1}{4}$  Point:  $(4, 0)$

Write an equation in Slope-Intercept form given the following information.

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1. Point:  $(0, 5)$  Point:  $(5, -3)$

2. Point:  $(2, -4)$  Point:  $(0, 4)$

3. Point:  $(5, 5)$  Point:  $(6, 6)$

## Attachments

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