

Slope-Intercept Form Practice

Name: _____

Teacher: _____

Given the equation, identify the slope and y-intercept. Use the equation: $y = mx + b$

1. $y = \frac{1}{2}x + 3$

2. $y = x - 3$

3. $y = 10 - 2x$

Write an equation for the line in slope-intercept form given the information. $y = mx + b$

4. Slope = $-\frac{2}{3}$ and $(0, -1)$

5. Slope = -1 and $(0, 10)$

6. Y-intercept $(0, -3)$ and goes through $(4, 5)$ and $(-6, 7)$. (Hint: Use slope formula)

7. Slope = 0 and $(0, -3)$

8. Slope = $\frac{1}{4}$ and $(0, 0)$

Write the equation of the line given the graph. Use $y = mx + b$

