

Writing Equations in Slope Intercept Form Practice

Identify the slope and y-intercept from the given equations

1

$$y = \frac{6}{5}x + 4$$

$m = \underline{\hspace{2cm}}$ $b = \underline{\hspace{2cm}}$

2

$$y = -\frac{1}{2}x + 8$$

$m = \underline{\hspace{2cm}}$ $b = \underline{\hspace{2cm}}$

3

$$y = \frac{7}{6}x - 9$$

$m = \underline{\hspace{2cm}}$ $b = \underline{\hspace{2cm}}$

4

$$y = x + 4$$

$m = \underline{\hspace{2cm}}$ $b = \underline{\hspace{2cm}}$

5

$$y = 7$$

$m = \underline{\hspace{2cm}}$ $b = \underline{\hspace{2cm}}$

6

$$y = \frac{1}{5}x$$

$m = \underline{\hspace{2cm}}$ $b = \underline{\hspace{2cm}}$

Use the given slope and y-intercept to write the equation

7

$$m = 6 \qquad b = 2$$

$\underline{\hspace{4cm}}$

8

$$m = \frac{2}{5} \qquad b = 4$$

$\underline{\hspace{4cm}}$

9

$$m = -7 \qquad b = 0$$

$\underline{\hspace{4cm}}$

10

$$m = 1 \qquad b = 2$$

$\underline{\hspace{4cm}}$

11

$$m = -1 \qquad b = 1$$

$\underline{\hspace{4cm}}$

12

$$m = -2 \qquad b = -5$$

$\underline{\hspace{4cm}}$