

# IDENTIFYING SLOPE & Y-INTERCEPT

Name: \_\_\_\_\_

Match the equation with its graph, then identify the slope & y-intercept:

1.  $y = 2x + 1$

Graph: \_\_\_\_\_

$m =$  \_\_\_\_\_

$b =$  \_\_\_\_\_

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

Graph: \_\_\_\_\_

$m =$  \_\_\_\_\_

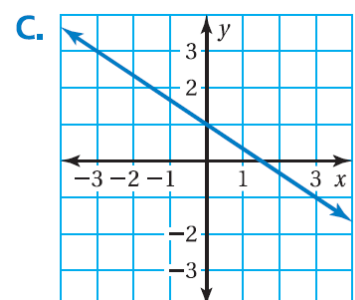
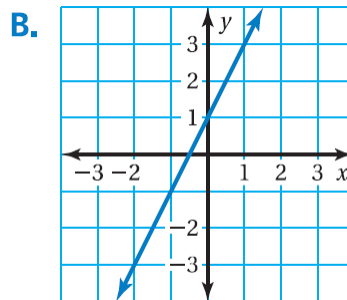
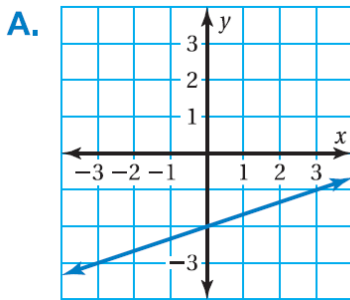
$b =$  \_\_\_\_\_

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

Graph: \_\_\_\_\_

$m =$  \_\_\_\_\_

$b =$  \_\_\_\_\_



Find the slope and y-intercept of the graph of the linear equation.

4.  $y = 4x - 5$

$m =$  \_\_\_\_\_

$b =$  \_\_\_\_\_

5.  $y = -7x + 12$

$m =$  \_\_\_\_\_

$b =$  \_\_\_\_\_

6.  $y = -\frac{4}{5}x - 2$

$m =$  \_\_\_\_\_

$b =$  \_\_\_\_\_

7.  $y = \frac{9}{4}x + 3$

$m =$  \_\_\_\_\_

$b =$  \_\_\_\_\_

8.  $y + 1 = \frac{4}{3}x$

$m =$  \_\_\_\_\_

$b =$  \_\_\_\_\_

9.  $y - 6 = \frac{3}{8}x$

$m =$  \_\_\_\_\_

$b =$  \_\_\_\_\_

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

$m =$  \_\_\_\_\_

$b =$  \_\_\_\_\_

11.  $y + 5 = -\frac{1}{2}x$

$m =$  \_\_\_\_\_

$b =$  \_\_\_\_\_

12.  $y = \frac{3}{2}x + 11$

$m =$  \_\_\_\_\_

$b =$  \_\_\_\_\_