

B

1. Determine the slope and y-intercept of the function.

$$f(x) = 7x + 11$$

a.  $m = 7; b = -11$

b.  $m = 7; b = 11$

c.  $m = -7; b = -11$

d.  $m = -7; b = 11$

C

2. Determine the slope and y-intercept of the function.

$$h(x) = -10x + 7$$

a.  $m = 10; b = -7$

b.  $m = 10; b = 7$

c.  $m = -10; b = 7$

d.  $m = -10; b = -7$

D

3. Determine the slope and y-intercept of the function.

$$p(x) = -x - 3$$

a.  $m = 0; b = -3$

b.  $m = 1; b = 3$

c.  $m = -1; b = 3$

d.  $m = -1; b = -3$

Graph each function then determine whether it is increasing, decreasing, or constant.

$$f(x) = 2x - 2$$

