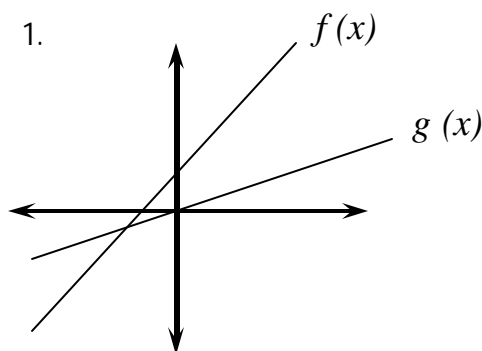


## Comparing Lines with Slope &amp; Y-int: Practice A

1.



If  $f(x) = 3x + 2$  which of the following could be a possible equation for  $g(x)$ ?

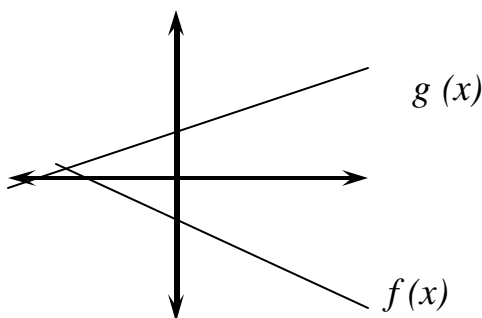
a.  $g(x) = \frac{1}{3}x - 2$

c.  $g(x) = \frac{1}{3}x + 0$

b.  $g(x) = 5x + 0$

d.  $g(x) = 2x - 1$

2.



If  $f(x) = -\frac{1}{2}x - 3$  which of the following could be a possible equation for  $g(x)$ ?

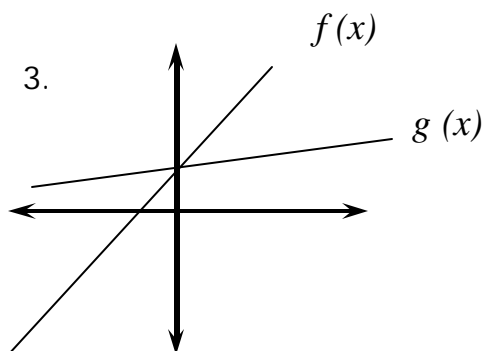
a.  $g(x) = \frac{1}{2}x - 5$

c.  $g(x) = \frac{1}{2}x + 3$

b.  $g(x) = -2x + 1$

d.  $g(x) = -\frac{1}{2}x - 2$

3.



If  $f(x) = x + 4$  which of the following could be a possible equation for  $g(x)$ ?

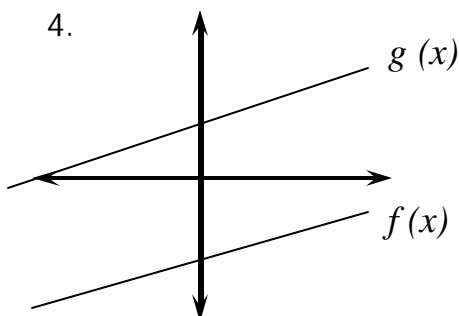
a.  $g(x) = \frac{1}{6}x + 4$

c.  $g(x) = \frac{1}{10}x + 9$

b.  $g(x) = \frac{1}{5}x + 1$

d.  $g(x) = \frac{1}{3}x - 2$

4.



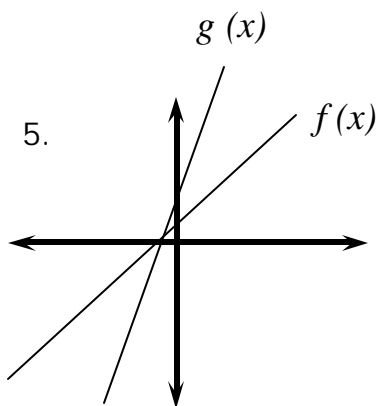
If  $f(x) = \frac{1}{4}x - 4$  which of the following could be a possible equation for  $g(x)$ ?

a.  $g(x) = \frac{1}{4}x - 5$

c.  $g(x) = \frac{1}{4}x$

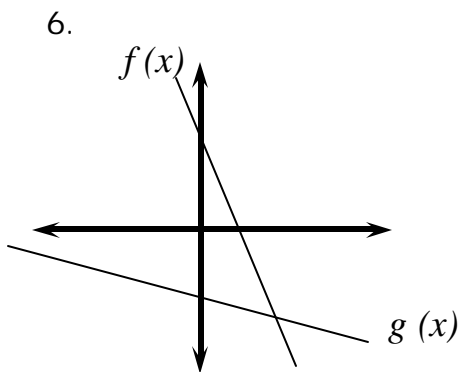
b.  $g(x) = \frac{1}{4}x - 1$

d.  $g(x) = \frac{1}{4}x + 3$



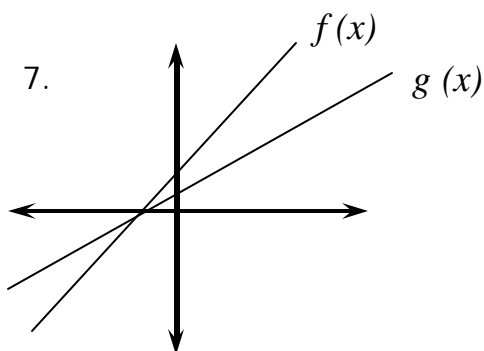
If  $f(x) = 2x + 1$  which of the following could be a possible equation for  $g(x)$ ?

- a.  $g(x) = \frac{1}{2}x + 2$
- b.  $g(x) = 3x + 2$
- c.  $g(x) = 3x - 1$
- d.  $g(x) = 2x + 2$



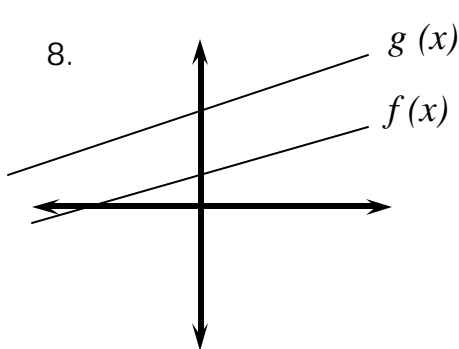
If  $f(x) = -3x + 5$  which of the following could be a possible equation for  $g(x)$ ?

- a.  $g(x) = \frac{1}{4}x + 1$
- b.  $g(x) = -\frac{1}{4}x + 2$
- c.  $g(x) = -\frac{1}{4}x - 4$
- d.  $g(x) = -4x - 2$



If  $f(x) = 2x + 3$  which of the following could be a possible equation for  $g(x)$ ?

- a.  $g(x) = x + 1$
- b.  $g(x) = 5x + 2$
- c.  $g(x) = 5x + 1$
- d.  $g(x) = x - 1$



If  $f(x) = \frac{1}{2}x + 2$  which of the following could be a possible equation for  $g(x)$ ?

- a.  $g(x) = \frac{1}{2}x + 1$
- b.  $g(x) = \frac{1}{2}x - 1$
- c.  $g(x) = \frac{1}{2}x$
- d.  $g(x) = \frac{1}{2}x + 5$