

## Inverses

Date \_\_\_\_\_ Period \_\_\_\_\_

**Find the inverse of each function.**

1)  $f(x) = -2x + 6$

2)  $f(x) = 3x - 15$

3)  $f(x) = -5x + 1$

4)  $g(x) = 2x - 4$

5)  $f(n) = -n - 5$

6)  $f(x) = -7x - 4$

7)  $f(x) = -x - 1$

8)  $f(n) = -2n - 1$

9)  $f(x) = -4x$

10)  $g(n) = -n + 1$

$$11) g(x) = \frac{-4x - 20}{5}$$

$$12) g(x) = \frac{4}{5}x - \frac{4}{5}$$

$$13) f(x) = \frac{20 + 7x}{4}$$

$$14) f(x) = \frac{3}{5}x - \frac{6}{5}$$

$$15) g(n) = -2 - \frac{5}{4}n$$

$$16) f(x) = -1 - \frac{4}{5}x$$

$$17) f(x) = \frac{4}{3}x - \frac{8}{3}$$

$$18) h(x) = \frac{20 - 6x}{5}$$

$$19) h(n) = -4n + 1$$

$$20) g(x) = \frac{-x - 5}{2}$$