

## Inverse Function Homework

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

**Find the inverse of each function.**

1)  $f(x) = \frac{12 - x}{3}$

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

3)  $g(x) = \frac{2x}{3}$

4)  $f(x) = \sqrt{x} - 3$

5)  $h(x) = -2 + 2x^2$

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

7)  $f(x) = \sqrt{x - 2} - 2$

8)  $f(x) = \sqrt{x + 3}$

$$9) f(x) = 2x + 3$$

$$10) h(x) = -x - 4$$

$$11) g(x) = 2x^2$$

$$12) f(x) = \sqrt{x} - 2$$

$$13) g(x) = 2x + 4$$

$$14) f(x) = \frac{5x}{2}$$

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

$$16) f(x) = \sqrt{x-1}$$