

# PRECAL HONORS

Name \_\_\_\_\_

## 1.4 – INVERSE FUNCTIONS

Determine if the given functions are inverses.

1.  $f(x) = -x - 1; g(x) = -x - 1$

2.  $f(x) = \frac{-2}{x+1}; g(x) = \frac{4}{x} + 1$

3.  $f(x) = 2x + 5; g(x) = \frac{x-5}{2}$

Find the inverse of each function.

4.  $h(x) = \frac{1}{2}x + \frac{1}{2}$

5.  $f(x) = -2(x-1)^3$

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