

## 6.4 One to One Functions

1. Many would do, say  $f(x) = x^2$ .

Let  $a=2$  and  $b = -2$ .

Then  $f(2) = 4 = f(-2)$ .

2.  $f^{-1}(x) = \frac{x-7}{3}$

3.  $f^{-1}(x) = -3(x+8)$

4.  $f^{-1}(x) = \frac{x^3-1}{2}$