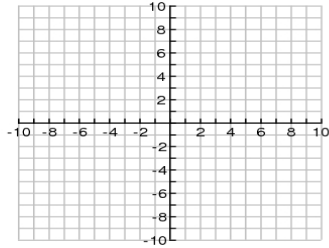


Math 11 – Inverse Functions Worksheet
Quadratic, Square Root Functions

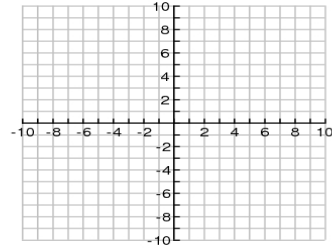
Name: _____
Date: _____

Find the inverse of each function. Graph and **label** the function and its inverse. State the domain and range of each function and its inverse. Determine whether the inverse is a function.

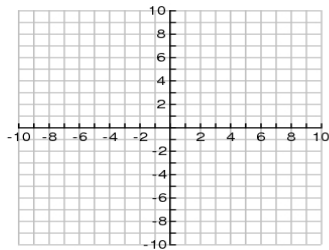
1) $f(x) = (x-1)^2$



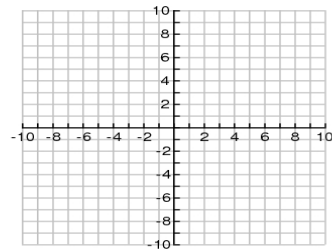
2) $f(x) = x^2 - 3$



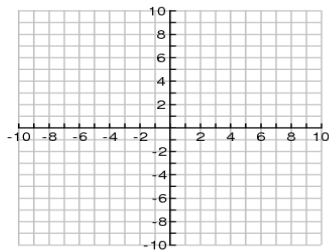
3) $f(x) = x^2 + 4, \quad x \geq 0$



4) $y = (x+5)^2, \quad x \leq -5$



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



6) $y = -\sqrt{x} + 2$

