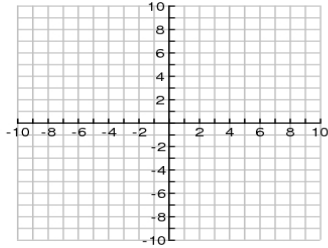
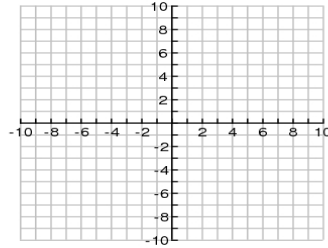


Find the inverse of each function. Graph and **label** the function and its inverse. State the domain and range of each function and its inverse. Determine whether the inverse is a function.

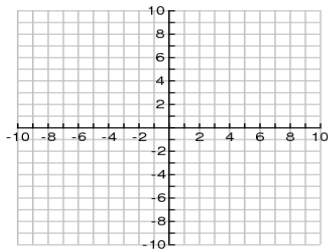
1)  $f(x) = (x - 1)^2$



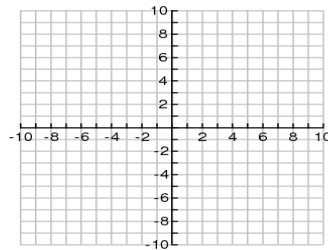
2)  $f(x) = x^2 - 3$



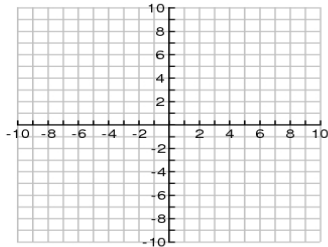
3)  $f(x) = x^2 + 4, \quad x \geq 0$



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



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



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

