Hwk # 11

Student:_____ Class:_____ Date_____

16. **REINFORCE** Restrict the domain of $f(x)$ to the largest possible set of values such that the inverse of f is a function. Find an algebraic rule for $f^{-1}(x)$, the inverse of f.

a. $f(x) = 4x^2$

b. $f(x) = x^2 + 4$

c. $f(x) = x^2 - 2$

17. **REINFORCE** Is the inverse of $y = x^4$ a function? Justify your answer.