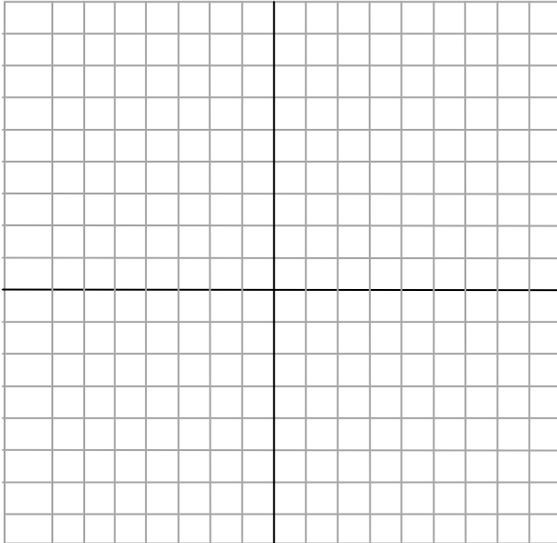NAME: _____

For each of the following functions,   a) find $f^{-1}(x)$.
b) find the domain and range of f and f^{-1}.
c) graph f and f^{-1}.
d) show (f $(f^{-1}(x))$ = x and $(f^{-1}(f(x))$ = x.

(1) f(x) = $X^2 - 3$; X ≤ 0

(2) f(x) = $2\sqrt{x+1}$