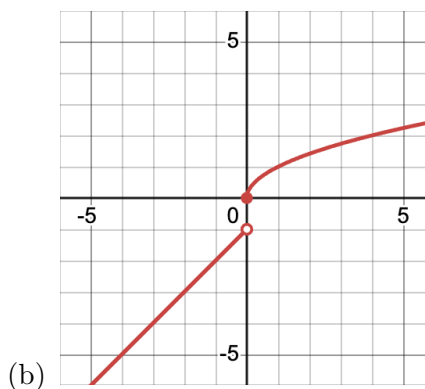
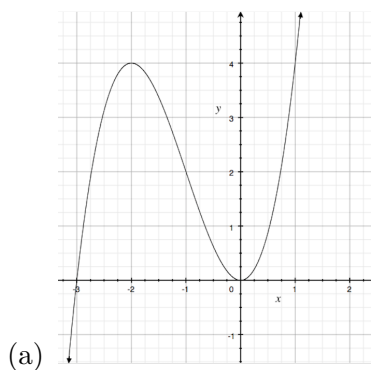


Show all work and simplify all answers before circling/boxing them. If you do the problem incorrectly, or don't show sufficient work, you will be asked to rewrite the problem for full credit.

Due next class. This assignment is graded on completion.

- (1) Determine if the graph is one-to-one. Does it have an inverse?



- (2) Find $f^{-1}(x)$ for $f(x) = 9x - 8$
 (3) Find $f^{-1}(x)$ for $f(x) = \frac{2}{\sqrt{x}}$
 (4) Find $f^{-1}(x)$ for $f(x) = \frac{x}{x+2}$
 (5) Find $f^{-1}(x)$ for $f(x) = 2x^3 - 5$
 (6) Use the graph of f to sketch its inverse f^{-1}

