MA125-6A Quiz 0

Name: _____

Exercise 1. *(6 points) Determine if the following functions are even, odd, or neither.*

(a) $f(x) = x^4 + 5x^2 - \cos(x)$

(b) $g(x) = x + \sin^3(x)$

(c) $h(x) = x^2 - 5x + 3$

Exercise 2. *(4 points) Determine the domain of the following functions.*

(a) $f(x) = \sqrt{x - 2}$

(b) $g(x) = \frac{3x}{x^2 + 5x + 4}$