

Section 1.6

Problem 1. Graph the following functions. Then find the domain, range, x -intercept, y -intercept, and determine if the function is even or odd.

a) $f(x) = c$

b) $f(x) = x$

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

d) $f(x) = x^3$

e) $f(x) = \sqrt{x}$

f) $f(x) = |x|$

g) $f(x) = \frac{1}{x}$

h) $f(x) = \llbracket x \rrbracket$

i) $f(x) = \frac{1}{x^2}$

j) $f(x) = \sqrt[3]{x}$

Homework: Read section 1.6, do #11, 29, 33, 39 (the quiz for this section will be taken from these problems)