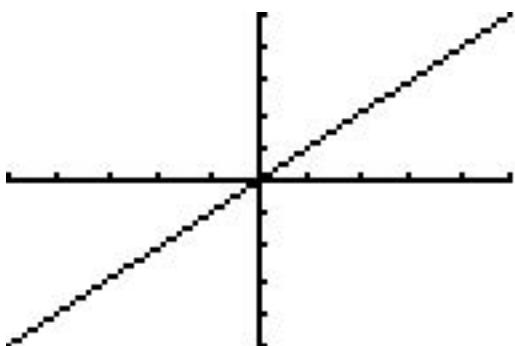


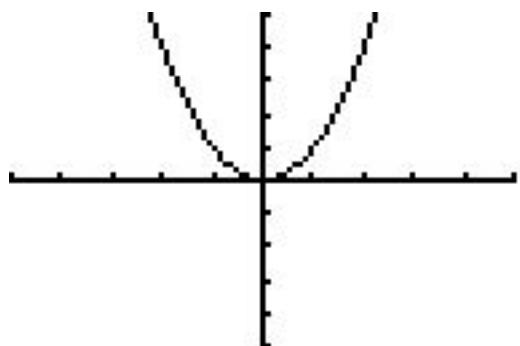
3.4 Library of Functions- MEMORIZE THESE !



Identity Function

$$y = x$$

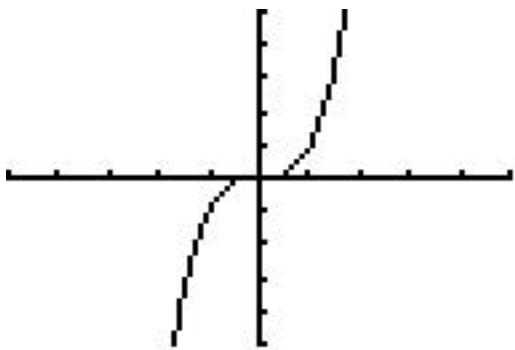
D = (- ,) R = (- ,)



Squaring Function

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

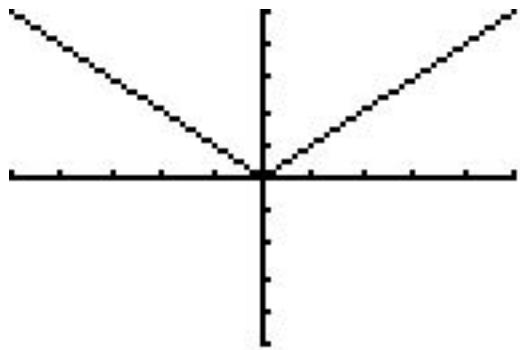
D = (- ,) R = [0,)



Cubing Function

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

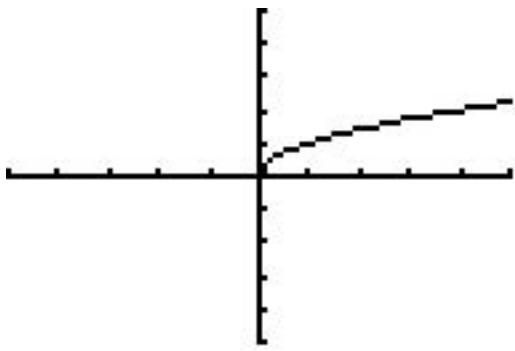
D = (- ,) R = (- ,)



Absolute Value Function

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

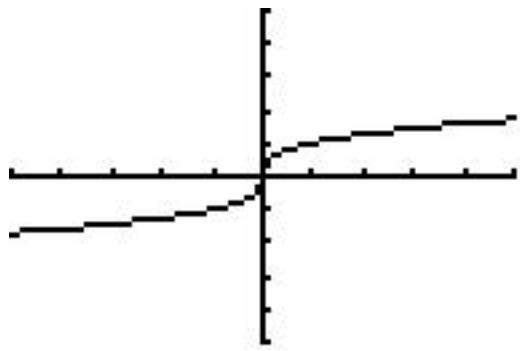
D = (- ,) R = [0,)



Square Root Function

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

D = [0,) R = [0,)



Cube Root Function

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

D = (- ,) R = (- ,)