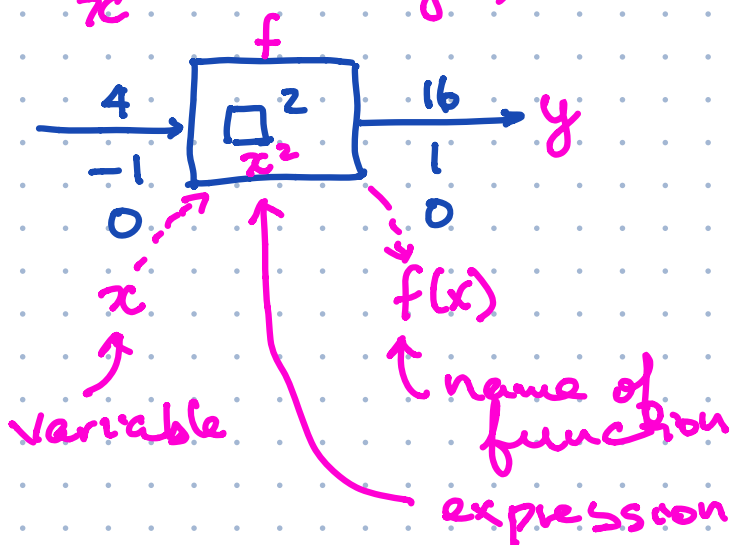
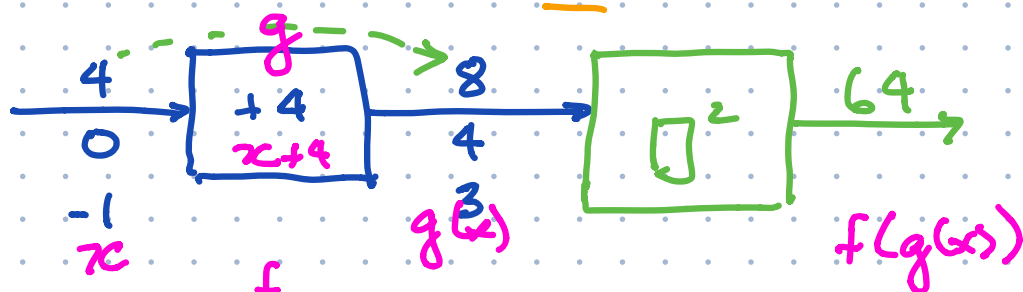


Function Fundamentals

"a rule that assigns one number to another"



$$y = f(x)$$

Functions

Equations

"the # of 7s in it"

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

$$y = x + 4$$

$$x^2 + y^2 = 4$$

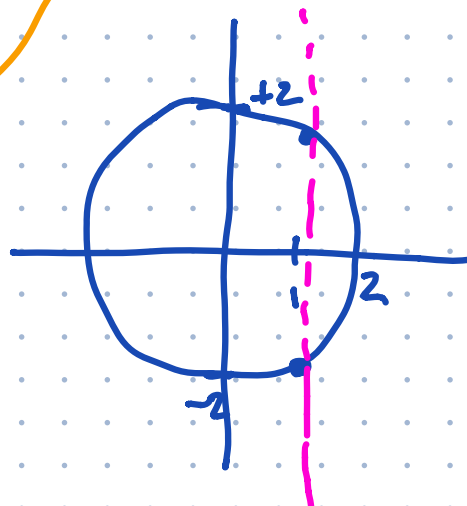
$$y^2 = 4 - x^2$$

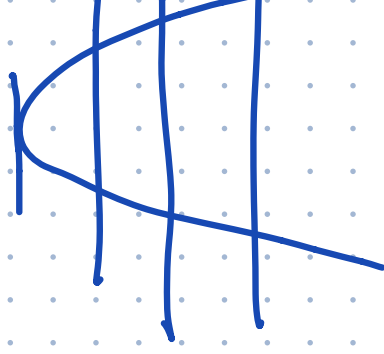
$$y = \pm \sqrt{4 - x^2}$$

$$g(\underline{47}) = \underline{1}$$

$$g(\underline{5}) = \underline{0}$$

$$g(\underline{747}) = \underline{2}$$





Vertical line test.