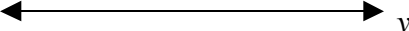



Range:  y

15)

a) Range:  y

17)

a) $x = -4$

b) $x = -4$

c) $x = -4$

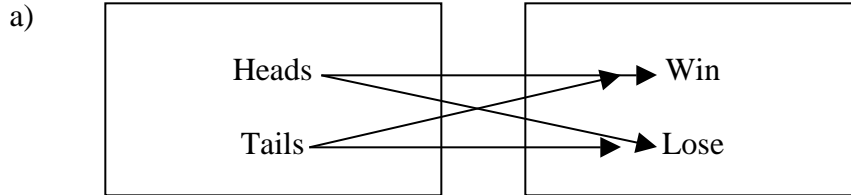
19) $\frac{y^6}{x^2}$

CHAPTER 8

Functions

8.1 What is a Function?

1)



b) No

3)

a) Function Domain = {lab, husky, poodle} Range = {dog}

b) Not a function

5)

a) 0 sec and 2.5 sec

b) Domain = $\{t : 0 \leq t \leq 2.5\}$

c) 0 ft and -100 ft

d) Range = $\{h : -100 \leq h \leq 0\}$

f) Quadrant IV

7)

$$f(-1) = 3$$

$$f(0) = 0$$

$$f(2) = 12$$

$$f(3) = 27$$

9)

a) -3

b) 28

c) -9.1

11) -16.641

13)

a) Domain:

Range:

b) Domain:

Range:

c) Domain: