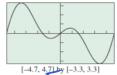
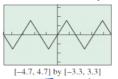
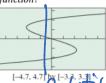
Precalc Section 1.2A: Functions and their Properties

Name:

PART 2: After learning the definition of a function, determine which graphs below are functions and which are not. Be able to explain. If the relation described by a graph is NOT a function, explain why or why not. Is there an easy way to test a graph of a relation to determine if it is a function?







Unc. PART 3

c)

d)

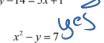
Func. Examine the tables below, each of which describes a relation between y and x. In which of these tables is y a function of x? If the *relation* described by a table is **not** a function, explain why not.

a)	x	1	2	3	4	5	6	7	8	9
	у	3	5	7	9	11	13	15	17	19
b)	x	1	2	3	4	5	6	7	8	9
	у	3	3	7	9	11	13	13	17	19

PART 4: Examine the equations below. Circle those which are functions. If they are NOT a function, give an example of why not.









$$\int 0 x^2 + y^2 = 9$$

$$y = x \pm 3$$

PART 5: Finding the domain graphically. State the domain of the following graphs in interval notation.

