Date:　　　　　Day 9, 1.2.4) Can I predict the output? I will determine which relationships are functions and which are not, using graphs and tables. p. 28) 1-62 to 1-63

1-62] a.) Describe the input and output of the machine:

b. - d.)

Input:	Output:	Functioning consistently? Why or why not?

1-63] a.) Determine if tables/graphs below are "functioning properly." Justify.

i.

Button Number	1	1	2	4	2	3
Type of Candy	Stix	Stix	M&Ns	M&Ns	Duds	Duds

ii.

x	7	−2	0	4	9	−3	6
$f(x)$	6	−3	4	2	10	−3	0

iii.

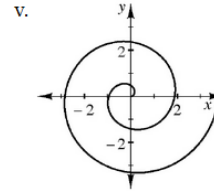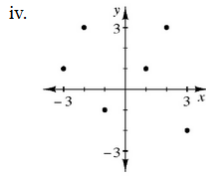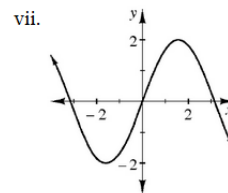| x	3	−1	2	0	1	2	9
y	4	−5	9	7	4	−8	2

b.) What does it mean for a relationship between inputs (x) and outputs (y or f(x)) to be a function?

SUMMARY:

c.) Could graphs or tables below be a function? Justify.

iv.

v.

vi.

x	h(x)
−8	11
4	3
11	−8
6	3
−8	11

vii.

1-65] LEARNING LOG

Describe what it means for a relationship to be a function. Give an example.

SUMMARY: