

Homework on Functions using the function game.

Instructions for 1-5: for each set of inputs and outputs, describe the function rule as completely as you can. You may use a table, words or equations (highest marks will be awarded to those including an equation/formula).

#1 input:	output:		#2 input	output
3	8		3	8
6	14		6	17
2	6		2	5
1	4		1	2
0	2		10	29
10	22			
#3 input:	output:		#4 input:	output:
3	47		3	9
6	44		6	36
2	48		2	4
1	49		1	1
0	50		0	0
10	40		10	100
#5 input:	output:			
3	11			
6	38			
2	6			
1	3			
0	2			
10	102			

6. What does a rule need to be like in order to be a good function rule?

7. What are the most useful strategies for figuring out a function rule?