Name _____ Period _____

Linear, Exponential or Neither
Recursive and Explicit

For each of the "in-out" tables below determine if the values would be linear, exponential or neither. Once you have determined the nature of the values in the table then create a recursive and an explicit function for each.

1.		2.		3.		4.	
In	Out	In	Out	In	Out	In	Out
3	2	1	6	-1	0	3.5	5
4	5	2	12	1	2	4.5	10
5	8	3	24	7	8	6.5	40
6	11	4	48	9	10	7.5	80

Type of function? | Type of function? | Type of function? | Type of function?

Function Equations: | Function Equations: | Function Equations: | Function Equations: