What is the 'function machine'?

1. The table shows the input and output of a function. Find the function.

IN (x)	OUT (y)
0	6
1	7
2	8
3	9
4	10

f(x) = _____

2. The table shows the input and output of a function. Find the function.

IN (x)	OUT (y)
-2	-4
-1	-2
0	0
1	2
2	4

f(x) = _____

3. Find out the rule, then complete the table.

IN (x)	OUT (y)
-3	-7
-2	
-1	-3
0	-1
1	
2	3
3	
4	