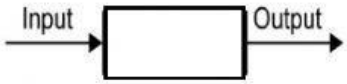
1. For this Input/Output table:

a) Identify the operation and number in the machine.



Input	Output
3	18
6	21
9	24
12	27

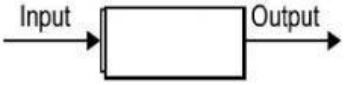
b) Complete the table.

c) Write the pattern rule for the input numbers.

d) Write the pattern rule for the output numbers.

2. For this Input/Output table:

a) Identify the operation and number in the machine.



Input	Output
39	13
30	10
21	7
12	4

3. Here is a pattern of figures made with squares.

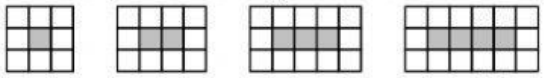


Figure 1 Figure 2 Figure 3 Figure 4

a) Complete the table.

Figure	Number of Grey Squares	Number of White Squares
1	1	8
2		
3		
4		

b) How many white squares will there be in the figure with 10 grey squares?

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