

**Function Machines**

1. Complete each data table using the rules provided. Remember to use the order of operations.

A.

Input $N$	Output $8 \times N - 4$
1	4
3	
5	
7	
9	
11	

B.

Input $N$	Output $50 - N \times 2$
2	46
4	
6	
8	
10	
12	

C.

Input $N$	Output $7 \times N + 2$
4	
6	
8	
	72

D.

Input $N$	Output $9 \times N$
5	
	63
	72
	90

2. Find the rule for each function machine. Then find the missing numbers in each of the tables.

A.

Input $N$	Output _____
11	5
15	9
23	17
	27
	53
100	

B.

Input $N$	Output _____
4	80
5	100
	140
9	180
	200
30	