

**Determine what rule the function machine is using.****Answers**

1)

Input	Output
15	26
20	31
37	48
16	27
25	36

- A. add 11
B. add 18
C. subtract 14
D. subtract 9

2)

Input	Output
56	42
47	33
64	50
29	15
32	18

- A. add 18
B. subtract 14
C. subtract 25
D. subtract 28

3)

Input	Output
39	47
47	55
33	41
16	24
41	49

- A. add 4
B. subtract 10
C. add 8
D. subtract 4

4)

Input	Output
46	33
60	47
23	10
54	41
34	21

- A. subtract 14
B. add 16
C. subtract 13
D. add 11

5)

Input	Output
36	51
14	29
50	65
42	57
22	37

- A. subtract 20
B. add 15
C. add 22
D. add 26

6)

Input	Output
29	41
27	39
39	51
21	33
28	40

- A. subtract 9
B. add 12
C. subtract 13
D. add 9

7)

Input	Output
44	34
43	33
40	30
54	44
49	39

- A. subtract 36
B. subtract 10
C. add 42
D. add 39

8)

Input	Output
59	44
39	24
58	43
49	34
25	10

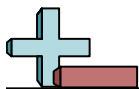
- A. add 3
B. add 11
C. add 6
D. subtract 15

9)

Input	Output
49	37
58	46
34	22
42	30
31	19

- A. subtract 12
B. add 4
C. add 14
D. subtract 7

1. _____
2. _____
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Answers

1. **A**
2. **B**
3. **C**
4. **C**
5. **B**
6. **B**
7. **B**
8. **D**
9. **A**