

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

1)

Input	Output
14	29
49	64
25	40
46	61
35	50

- A. add 15
B. add 11
C. subtract 19
D. subtract 9

2)

Input	Output
48	60
16	28
49	61
19	31
17	29

- A. subtract 28
B. subtract 38
C. add 12
D. subtract 35

3)

Input	Output
13	19
40	46
48	54
21	27
44	50

- A. add 6
B. subtract 24
C. subtract 32
D. add 26

4)

Input	Output
35	40
41	46
39	44
15	20
49	54

- A. add 27
B. subtract 31
C. add 5
D. add 25

5)

Input	Output
33	21
59	47
25	13
60	48
39	27

- A. add 22
B. subtract 20
C. subtract 12
D. add 23

6)

Input	Output
31	39
20	28
47	55
30	38
33	41

- A. add 24
B. add 8
C. subtract 28
D. subtract 29

7)

Input	Output
25	34
37	46
11	20
10	19
44	53

- A. add 9
B. add 14
C. subtract 10
D. subtract 15

8)

Input	Output
19	12
49	42
22	15
28	21
45	38

- A. add 6
B. subtract 10
C. add 1
D. subtract 7

9)

Input	Output
49	34
53	38
38	23
40	25
25	10

- A. subtract 21
B. subtract 20
C. subtract 15
D. add 14

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
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D. add 14

Answers

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