



Determine what rule the function machine is using.

**Answers**

1)

Input	Output
36	22
39	25
53	39
54	40
57	43

- A. Subtract 15
- B. Subtract 14
- C. Subtract 13
- D. Add 14

2)

Input	Output
27	16
30	19
43	32
52	41
55	44

- A. Subtract 9
- B. Subtract 11
- C. Subtract 14
- D. Add 11

3)

Input	Output
12	18
22	28
23	29
23	29
24	30

- A. Add 3
- B. Subtract 6
- C. Add 9
- D. Add 6

4)

In	Out
15	11
27	23
31	27
35	31
36	32

- A. Subtract 4
- B. Add 4
- C. Subtract 6
- D. Subtract 3

5)

In	Out
22	12
38	28
40	30
44	34
48	38

- A. Subtract 10
- B. Add 10
- C. Subtract 11
- D. Subtract 9

6)

Input	Output
24	32
38	46
38	46
39	47
45	53

- A. Add 8
- B. Add 9
- C. Add 6
- D. Subtract 9

7)

Input	Output
28	15
36	23
49	36
55	42
60	47

- A. Subtract 15
- B. Add 13
- C. Subtract 10
- D. Subtract 13

8)

In	Out
17	10
25	18
27	20
27	20
49	42

- A. Add 10
- B. Subtract 7
- C. Subtract 10
- D. Subtract 4

9)

Input	Output
18	29
21	32
27	38
33	44
39	50

- A. Subtract 13
- B. Subtract 11
- C. Add 8
- D. Add 11

- 1. \_\_\_\_\_
- 2. \_\_\_\_\_
- 3. \_\_\_\_\_
- 4. \_\_\_\_\_
- 5. \_\_\_\_\_
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Answers

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



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