



Determine what rule the function machine is using.

Answers

1)

Input	Output
27	18
38	29
47	38
54	45
58	49

- A. Add 12
- B. Subtract 12
- C. Add 9
- D. Subtract 9

2)

In	Out
21	11
39	29
43	33
46	36
53	43

- A. Subtract 11
- B. Subtract 10
- C. Subtract 7
- D. Add 10

3)

In	Out
25	12
27	14
55	42
58	45
63	50

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

4)

In	Out
11	16
15	20
17	22
29	34
35	40

- A. Add 5
- B. Subtract 5
- C. Subtract 7
- D. Add 7

5)

In	Out
11	22
24	35
32	43
36	47
50	61

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

6)

In	Out
23	12
31	20
34	23
52	41
57	46

- A. Add 11
- B. Subtract 11
- C. Subtract 13
- D. Subtract 10

7)

In	Out
18	31
23	36
24	37
29	42
30	43

- A. Add 13
- B. Add 16
- C. Add 12
- D. Subtract 16

8)

Input	Output
10	14
26	30
36	40
44	48
47	51

- A. Add 4
- B. Subtract 6
- C. Subtract 4
- D. Add 1

9)

Input	Output
26	21
32	27
34	29
37	32
55	50

- A. Subtract 5
- B. Subtract 4
- C. Add 5
- D. Add 6

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____



Determine what rule the function machine is using.

1)

Input	Output
27	18
38	29
47	38
54	45
58	49

- A. Add 12
- B. Subtract 12
- C. Add 9
- D. Subtract 9

2)

In	Out
21	11
39	29
43	33
46	36
53	43

- A. Subtract 11
- B. Subtract 10
- C. Subtract 7
- D. Add 10

3)

In	Out
25	12
27	14
55	42
58	45
63	50

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

4)

In	Out
11	16
15	20
17	22
29	34
35	40

- A. Add 5
- B. Subtract 5
- C. Subtract 7
- D. Add 7

5)

In	Out
11	22
24	35
32	43
36	47
50	61

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

6)

In	Out
23	12
31	20
34	23
52	41
57	46

- A. Add 11
- B. Subtract 11
- C. Subtract 13
- D. Subtract 10

7)

In	Out
18	31
23	36
24	37
29	42
30	43

- A. Add 13
- B. Add 16
- C. Add 12
- D. Subtract 16

8)

Input	Output
10	14
26	30
36	40
44	48
47	51

- A. Add 4
- B. Subtract 6
- C. Subtract 4
- D. Add 1

9)

Input	Output
26	21
32	27
34	29
37	32
55	50

- A. Subtract 5
- B. Subtract 4
- C. Add 5
- D. Add 6

Answers

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



Determine what rule the function machine is using.

1)

In	Out
27	18
38	29
47	38
54	45
58	49

- A. Add 12
- B. Subtract 12
- C.
- D. Subtract 9

2)

In	Out
21	11
39	29
43	33
46	36
53	43

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

3)

In	Out
25	12
27	14
55	42
58	45
63	50

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

4)

In	Out
11	16
15	20
17	22
29	34
35	40

- A. Add 5
- B. Subtract 5
- C. Subtract 7
- D.

5)

In	Out
11	22
24	35
32	43
36	47
50	61

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

6)

In	Out
23	12
31	20
34	23
52	41
57	46

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

7)

In	Out
18	31
23	36
24	37
29	42
30	43

- A. Add 13
- B. Add 16
- C. Add 12
- D.

8)

In	Out
10	14
26	30
36	40
44	48
47	51

- A. Add 4
- B. Subtract 6
- C.
- D. Add 1

9)

In	Out
26	21
32	27
34	29
37	32
55	50

- A. Subtract 5
- B. Subtract 4
- C.
- D. Add 6

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____