



Determine what rule the function machine is using.

Answers

1)

Input	Output
24	31
33	40
35	42
43	50
44	51

- A. Subtract 7
- B. Add 9
- C. Add 7
- D. Add 6

2)

Input	Output
12	25
20	33
23	36
33	46
37	50

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

3)

Input	Output
27	18
31	22
35	26
43	34
52	43

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

4)

In	Out
19	12
24	17
25	18
30	23
32	25

- A. Subtract 7
- B. Add 9
- C. Subtract 9
- D. Add 7

5)

In	Out
17	12
18	13
26	21
37	32
38	33

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

6)

In	Out
21	17
23	19
42	38
49	45
53	49

- A. Subtract 3
- B. Subtract 7
- C. Add 4
- D. Subtract 4

7)

Input	Output
29	41
41	53
43	55
44	56
45	57

- A. Subtract 12
- B. Add 12
- C. Add 15
- D. Subtract 15

8)

In	Out
32	24
47	39
48	40
57	49
58	50

- A. Subtract 7
- B. Add 8
- C. Subtract 8
- D. Add 10

9)

Input	Output
13	20
23	30
28	35
29	36
40	47

- A. Subtract 9
- B. Subtract 7
- C. Add 7
- D. Add 9

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



Determine what rule the function machine is using.

1)

Input	Output
24	31
33	40
35	42
43	50
44	51

- A. Subtract 7
- B. Add 9
- C. Add 7
- D. Add 6

2)

Input	Output
12	25
20	33
23	36
33	46
37	50

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

3)

Input	Output
27	18
31	22
35	26
43	34
52	43

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

4)

In	Out
19	12
24	17
25	18
30	23
32	25

- A. Subtract 7
- B. Add 9
- C. Subtract 9
- D. Add 7

5)

In	Out
17	12
18	13
26	21
37	32
38	33

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

6)

In	Out
21	17
23	19
42	38
49	45
53	49

- A. Subtract 3
- B. Subtract 7
- C. Add 4
- D. Subtract 4

7)

Input	Output
29	41
41	53
43	55
44	56
45	57

- A. Subtract 12
- B. Add 12
- C. Add 15
- D. Subtract 15

8)

In	Out
32	24
47	39
48	40
57	49
58	50

- A. Subtract 7
- B. Add 8
- C. Subtract 8
- D. Add 10

9)

Input	Output
13	20
23	30
28	35
29	36
40	47

- A. Subtract 9
- B. Subtract 7
- C. Add 7
- D. Add 9

Answers

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



Determine what rule the function machine is using.

Answers

1)

In	Out
24	31
33	40
35	42
43	50
44	51

- A. Subtract 7
- B.
- C. Add 7
- D. Add 6

2)

In	Out
12	25
20	33
23	36
33	46
37	50

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

3)

In	Out
27	18
31	22
35	26
43	34
52	43

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

4)

In	Out
19	12
24	17
25	18
30	23
32	25

- A. Subtract 7
- B. Add 9
- C.
- D. Add 7

5)

In	Out
17	12
18	13
26	21
37	32
38	33

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

6)

In	Out
21	17
23	19
42	38
49	45
53	49

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

7)

In	Out
29	41
41	53
43	55
44	56
45	57

- A. Subtract 12
- B. Add 12
- C.
- D. Subtract 15

8)

In	Out
32	24
47	39
48	40
57	49
58	50

- A. Subtract 7
- B. Add 8
- C. Subtract 8
- D.

9)

In	Out
13	20
23	30
28	35
29	36
40	47

- A. Subtract 9
- B. Subtract 7
- C. Add 7
- D.

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