



Determine what rule the function machine is using.

Answers

1)

Input	Output
27	15
29	17
46	34
49	37
58	46

- A. Subtract 9
- B. Add 12
- C. Add 15
- D. Subtract 12

2)

In	Out
21	12
26	17
29	20
34	25
45	36

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

3)

In	Out
23	14
37	28
41	32
44	35
57	48

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

4)

In	Out
20	15
26	21
28	23
50	45
55	50

- A. Add 5
- B. Subtract 8
- C. Subtract 5
- D. Subtract 2

5)

In	Out
22	28
34	40
41	47
47	53
50	56

- A. Add 6
- B. Add 5
- C. Subtract 6
- D. Subtract 8

6)

In	Out
14	27
26	39
27	40
44	57
45	58

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

7)

In	Out
31	24
44	37
45	38
53	46
54	47

- A. Subtract 8
- B. Add 8
- C. Subtract 4
- D. Subtract 7

8)

Input	Output
10	24
14	28
40	54
46	60
48	62

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

9)

In	Out
12	23
18	29
22	33
33	44
50	61

- A. Add 8
- B. Add 11
- C. Subtract 11
- D. Subtract 12

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



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29	20
34	25
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- A. Subtract 12
- B. Add 12
- C. Add 9
- D. Subtract 9

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- A. Add 8
- B. Add 11
- C. Subtract 11
- D. Subtract 12

Answers

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



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- A. Subtract 9
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- C. Add 15
- D. Subtract 12

2)

In	Out
21	12
26	17
29	20
34	25
45	36

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

3)

In	Out
23	14
37	28
41	32
44	35
57	48

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

4)

In	Out
20	15
26	21
28	23
50	45
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- A. Add 5
- B. Subtract 8
- C. Subtract 5
- D.

5)

In	Out
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34	40
41	47
47	53
50	56

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

6)

In	Out
14	27
26	39
27	40
44	57
45	58

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

7)

In	Out
31	24
44	37
45	38
53	46
54	47

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

8)

In	Out
10	24
14	28
40	54
46	60
48	62

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

9)

In	Out
12	23
18	29
22	33
33	44
50	61

- A. Add 8
- B. Add 11
- C.
- D. Subtract 12

Answers

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