



Determine what rule the function machine is using.

Answers

1)

Input	Output
14	23
22	31
36	45
40	49
42	51

- A. Add 7
- B. Subtract 11
- C. Add 9
- D. Add 11

2)

In	Out
26	14
54	42
57	45
58	46
61	49

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

3)

Input	Output
12	24
16	28
18	30
25	37
46	58

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

4)

In	Out
10	15
11	16
22	27
35	40
43	48

- A. Add 5
- B. Subtract 5
- C. Add 8
- D. Add 4

5)

Input	Output
24	20
30	26
41	37
42	38
45	41

- A. Subtract 4
- B. Subtract 2
- C. Add 7
- D. Subtract 7

6)

Input	Output
32	18
34	20
40	26
51	37
53	39

- A. Add 14
- B. Subtract 16
- C. Subtract 14
- D. Subtract 13

7)

Input	Output
22	26
29	33
30	34
41	45
47	51

- A. Add 6
- B. Add 4
- C. Add 2
- D. Subtract 4

8)

Input	Output
10	14
17	21
41	45
44	48
48	52

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

9)

Input	Output
21	13
29	21
38	30
42	34
55	47

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

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



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

3)

Input	Output
12	24
16	28
18	30
25	37
46	58

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

4)

In	Out
10	15
11	16
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Input	Output
24	20
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41	37
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- C. Add 7
- D. Subtract 7

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Input	Output
32	18
34	20
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- A. Add 14
- B. Subtract 16
- C. Subtract 14
- D. Subtract 13

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10	14
17	21
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- A. Add 4
- B. Subtract 4
- C. Subtract 6
- D. Add 6

9)

Input	Output
21	13
29	21
38	30
42	34
55	47

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

Answers

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



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In	Out
10	15
11	16
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- A. Add 5
- B.
- C. Add 8
- D. Add 4

5)

In	Out
24	20
30	26
41	37
42	38
45	41

- A. Subtract 4
- B. Subtract 2
- C.
- D. Subtract 7

6)

In	Out
32	18
34	20
40	26
51	37
53	39

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

7)

In	Out
22	26
29	33
30	34
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- A. Add 6
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- D. Subtract 4

8)

In	Out
10	14
17	21
41	45
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48	52

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

9)

In	Out
21	13
29	21
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- A. Subtract 8
- B.
- C. Add 8
- D. Subtract 10

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