



Determine what rule the function machine is using.

**Answers**

1)

Input	Output
30	19
46	35
51	40
23	12
45	34

- A. add 19
- B. subtract 11
- C. add 20
- D. subtract 10

2)

Input	Output
50	58
35	43
48	56
41	49
46	54

- A. add 8
- B. subtract 27
- C. subtract 22
- D. subtract 19

3)

Input	Output
34	44
25	35
19	29
49	59
16	26

- A. add 17
- B. add 10
- C. subtract 12
- D. subtract 19

4)

Input	Output
10	22
37	49
46	58
13	25
11	23

- A. add 32
- B. subtract 31
- C. add 36
- D. add 12

5)

Input	Output
57	50
18	11
22	15
45	38
40	33

- A. subtract 10
- B. add 12
- C. subtract 7
- D. add 11

6)

Input	Output
56	45
61	50
52	41
26	15
47	36

- A. subtract 6
- B. subtract 11
- C. add 11
- D. add 12

7)

Input	Output
23	30
46	53
49	56
13	20
38	45

- A. add 7
- B. add 17
- C. subtract 18
- D. subtract 10

8)

Input	Output
40	26
56	42
59	45
33	19
36	22

- A. add 20
- B. subtract 13
- C. subtract 14
- D. add 12

9)

Input	Output
29	34
23	28
37	42
11	16
45	50

- A. subtract 6
- B. add 5
- C. subtract 11
- D. subtract 4

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

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