



Determine what rule the function machine is using.

**Answers**

1)

Input	Output
57	43
55	41
61	47
58	44
35	21

- A. subtract 11
- B. add 5
- C. add 9
- D. subtract 14

2)

Input	Output
15	28
18	31
12	25
22	35
49	62

- A. add 13
- B. subtract 19
- C. add 17
- D. subtract 13

3)

Input	Output
24	15
49	40
48	39
31	22
35	26

- A. subtract 18
- B. subtract 9
- C. add 15
- D. add 17

4)

Input	Output
60	46
43	29
38	24
26	12
59	45

- A. add 27
- B. add 33
- C. subtract 14
- D. subtract 28

5)

Input	Output
25	16
31	22
45	36
49	40
51	42

- A. add 2
- B. subtract 8
- C. add 11
- D. subtract 9

6)

Input	Output
42	28
51	37
57	43
26	12
31	17

- A. add 10
- B. subtract 11
- C. add 16
- D. subtract 14

7)

Input	Output
13	22
41	50
19	28
23	32
44	53

- A. add 9
- B. subtract 21
- C. subtract 23
- D. add 14

8)

Input	Output
40	28
58	46
47	35
54	42
24	12

- A. subtract 38
- B. add 29
- C. subtract 12
- D. add 31

9)

Input	Output
31	46
27	42
14	29
21	36
24	39

- A. add 37
- B. add 15
- C. subtract 31
- D. add 32

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

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