



Determine what rule the function machine is using.

**Answers**

1)

Input	Output
25	30
50	55
15	20
26	31
39	44

- A. subtract 4
- B. add 5
- C. subtract 3
- D. subtract 6

2)

Input	Output
25	30
18	23
47	52
36	41
42	47

- A. add 16
- B. subtract 18
- C. add 5
- D. subtract 14

3)

Input	Output
44	52
11	19
25	33
49	57
50	58

- A. add 8
- B. add 18
- C. subtract 9
- D. subtract 15

4)

Input	Output
48	57
49	58
15	24
38	47
40	49

- A. add 21
- B. add 9
- C. subtract 16
- D. subtract 19

5)

Input	Output
43	55
45	57
31	43
44	56
30	42

- A. subtract 11
- B. add 12
- C. subtract 6
- D. add 7

6)

Input	Output
29	43
18	32
41	55
23	37
36	50

- A. subtract 16
- B. add 8
- C. add 17
- D. add 14

7)

Input	Output
44	35
42	33
20	11
34	25
28	19

- A. subtract 9
- B. add 13
- C. subtract 18
- D. add 19

8)

Input	Output
46	34
31	19
37	25
54	42
39	27

- A. subtract 12
- B. add 7
- C. add 6
- D. subtract 9

9)

Input	Output
27	22
36	31
21	16
34	29
17	12

- A. add 20
- B. add 15
- C. subtract 11
- D. subtract 5

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

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