



Determine what rule the function machine is using.

**Answers**

1)

Input	Output
22	12
52	42
48	38
39	29
42	32

- A. add 26
- B. add 28
- C. subtract 27
- D. subtract 10

2)

Input	Output
38	30
23	15
45	37
22	14
19	11

- A. add 9
- B. add 10
- C. subtract 6
- D. subtract 8

3)

Input	Output
47	56
44	53
33	42
26	35
34	43

- A. add 3
- B. subtract 12
- C. add 9
- D. add 4

4)

Input	Output
19	29
22	32
20	30
40	50
39	49

- A. add 10
- B. subtract 37
- C. add 31
- D. add 29

5)

Input	Output
44	50
17	23
40	46
27	33
13	19

- A. subtract 23
- B. add 6
- C. subtract 24
- D. subtract 20

6)

Input	Output
12	26
37	51
42	56
14	28
32	46

- A. subtract 21
- B. add 14
- C. add 18
- D. add 19

7)

Input	Output
23	32
15	24
32	41
33	42
36	45

- A. subtract 11
- B. add 16
- C. subtract 17
- D. add 9

8)

Input	Output
45	56
17	28
19	30
36	47
30	41

- A. subtract 27
- B. add 11
- C. subtract 24
- D. add 27

9)

Input	Output
30	16
39	25
59	45
35	21
42	28

- A. add 33
- B. subtract 40
- C. subtract 42
- D. subtract 14

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
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- D. subtract 14

**Answers**

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