



Determine what rule the function machine is using.

**Answers**

1)

Input	Output
10	18
36	44
28	36
15	23
26	34

- A. add 12
- B. subtract 14
- C. add 8
- D. add 20

2)

Input	Output
27	15
32	20
25	13
50	38
41	29

- A. add 26
- B. subtract 31
- C. subtract 12
- D. add 31

3)

Input	Output
49	40
25	16
59	50
30	21
40	31

- A. add 37
- B. add 32
- C. subtract 9
- D. add 31

4)

Input	Output
25	17
48	40
39	31
47	39
46	38

- A. subtract 8
- B. add 22
- C. subtract 29
- D. add 27

5)

Input	Output
39	26
32	19
33	20
41	28
59	46

- A. subtract 13
- B. add 16
- C. add 10
- D. subtract 11

6)

Input	Output
37	25
32	20
46	34
40	28
36	24

- A. subtract 12
- B. add 37
- C. add 43
- D. add 38

7)

Input	Output
32	37
35	40
42	47
20	25
37	42

- A. subtract 12
- B. subtract 8
- C. add 5
- D. add 10

8)

Input	Output
49	62
28	41
11	24
25	38
23	36

- A. add 19
- B. subtract 11
- C. subtract 14
- D. add 13

9)

Input	Output
17	24
47	54
38	45
24	31
27	34

- A. add 9
- B. subtract 12
- C. subtract 4
- D. add 7

- 1. \_\_\_\_\_
- 2. \_\_\_\_\_
- 3. \_\_\_\_\_
- 4. \_\_\_\_\_
- 5. \_\_\_\_\_
- 6. \_\_\_\_\_
- 7. \_\_\_\_\_
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24	31
27	34

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- B. subtract 12
- C. subtract 4
- D. add 7

**Answers**

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