



Determine what rule the function machine is using.

**Answers**

1)

Input	Output
41	49
24	32
30	38
47	55
50	58

- A. add 12
- B. subtract 14
- C. add 8
- D. subtract 11

2)

Input	Output
14	24
29	39
27	37
25	35
24	34

- A. add 10
- B. add 25
- C. add 28
- D. subtract 27

3)

Input	Output
38	24
52	38
51	37
44	30
39	25

- A. subtract 6
- B. add 7
- C. add 5
- D. subtract 14

4)

Input	Output
56	45
44	33
30	19
40	29
48	37

- A. subtract 13
- B. add 14
- C. subtract 11
- D. add 7

5)

Input	Output
32	46
40	54
34	48
10	24
24	38

- A. subtract 19
- B. add 18
- C. subtract 20
- D. add 14

6)

Input	Output
30	15
35	20
56	41
45	30
57	42

- A. subtract 15
- B. add 21
- C. add 11
- D. subtract 11

7)

Input	Output
14	21
20	27
38	45
37	44
43	50

- A. add 7
- B. subtract 10
- C. add 9
- D. subtract 7

8)

Input	Output
50	44
22	16
32	26
20	14
24	18

- A. add 12
- B. subtract 8
- C. subtract 6
- D. add 16

9)

Input	Output
57	47
21	11
39	29
50	40
59	49

- A. add 29
- B. subtract 10
- C. subtract 26
- D. add 24

- 1. \_\_\_\_\_
- 2. \_\_\_\_\_
- 3. \_\_\_\_\_
- 4. \_\_\_\_\_
- 5. \_\_\_\_\_
- 6. \_\_\_\_\_
- 7. \_\_\_\_\_
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Input	Output
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21	11
39	29
50	40
59	49

- A. add 29
- B. subtract 10
- C. subtract 26
- D. add 24

**Answers**

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