



Determine what rule the function machine is using.

**Answers**

1)

Input	Output
46	58
21	33
20	32
27	39
50	62

- A. add 12
- B. add 28
- C. subtract 27
- D. subtract 34

2)

Input	Output
36	43
20	27
29	36
26	33
17	24

- A. subtract 10
- B. add 3
- C. add 11
- D. add 7

3)

Input	Output
38	44
18	24
44	50
40	46
47	53

- A. subtract 31
- B. add 6
- C. subtract 29
- D. add 29

4)

Input	Output
12	24
45	57
27	39
35	47
39	51

- A. subtract 25
- B. add 12
- C. subtract 28
- D. add 21

5)

Input	Output
36	46
22	32
25	35
14	24
34	44

- A. add 10
- B. subtract 23
- C. subtract 17
- D. add 27

6)

Input	Output
23	17
36	30
34	28
42	36
38	32

- A. add 21
- B. subtract 6
- C. subtract 17
- D. subtract 16

7)

Input	Output
57	47
54	44
53	43
56	46
22	12

- A. add 23
- B. subtract 10
- C. add 20
- D. add 21

8)

Input	Output
27	22
38	33
35	30
48	43
47	42

- A. add 9
- B. subtract 5
- C. add 8
- D. add 7

9)

Input	Output
30	45
33	48
14	29
35	50
43	58

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

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
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Input	Output
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33	48
14	29
35	50
43	58

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

**Answers**

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