



Determine what rule the function machine is using.

**Answers**

1)

Input	Output
50	38
33	21
49	37
28	16
32	20

- A. add 21
- B. add 23
- C. subtract 19
- D. subtract 12

2)

Input	Output
41	34
26	19
27	20
49	42
50	43

- A. subtract 7
- B. add 37
- C. subtract 38
- D. add 31

3)

Input	Output
16	29
45	58
23	36
17	30
26	39

- A. subtract 21
- B. subtract 18
- C. add 18
- D. add 13

4)

Input	Output
17	23
37	43
45	51
16	22
18	24

- A. subtract 7
- B. add 6
- C. subtract 3
- D. subtract 8

5)

Input	Output
46	33
55	42
43	30
53	40
62	49

- A. add 36
- B. subtract 13
- C. subtract 38
- D. add 41

6)

Input	Output
25	18
26	19
17	10
50	43
23	16

- A. subtract 15
- B. add 8
- C. subtract 7
- D. add 14

7)

Input	Output
30	40
48	58
36	46
44	54
18	28

- A. add 10
- B. subtract 12
- C. add 14
- D. subtract 15

8)

Input	Output
41	48
25	32
23	30
37	44
22	29

- A. add 25
- B. subtract 22
- C. add 7
- D. add 26

9)

Input	Output
60	45
28	13
30	15
65	50
56	41

- A. add 10
- B. add 13
- C. subtract 15
- D. subtract 6

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

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