



Determine what rule the function machine is using.

**Answers**

1)

Input	Output
19	11
36	28
37	29
27	19
58	50

- A. subtract 8
- B. subtract 24
- C. subtract 16
- D. add 20

2)

Input	Output
25	34
42	51
15	24
37	46
46	55

- A. subtract 19
- B. subtract 14
- C. add 18
- D. add 9

3)

Input	Output
26	39
38	51
16	29
32	45
17	30

- A. subtract 18
- B. subtract 10
- C. add 12
- D. add 13

4)

Input	Output
43	34
25	16
36	27
24	15
57	48

- A. add 21
- B. subtract 20
- C. subtract 9
- D. add 16

5)

Input	Output
37	50
48	61
49	62
46	59
44	57

- A. subtract 12
- B. subtract 13
- C. add 13
- D. subtract 15

6)

Input	Output
62	47
38	23
33	18
49	34
56	41

- A. add 34
- B. add 24
- C. subtract 27
- D. subtract 15

7)

Input	Output
40	51
20	31
18	29
27	38
35	46

- A. add 6
- B. add 11
- C. subtract 9
- D. subtract 5

8)

Input	Output
15	23
12	20
17	25
43	51
41	49

- A. subtract 11
- B. add 8
- C. add 4
- D. subtract 2

9)

Input	Output
41	28
59	46
26	13
62	49
44	31

- A. add 11
- B. subtract 12
- C. add 10
- D. subtract 13

- 1. \_\_\_\_\_
- 2. \_\_\_\_\_
- 3. \_\_\_\_\_
- 4. \_\_\_\_\_
- 5. \_\_\_\_\_
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**Answers**

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