



Determine what rule the function machine is using.

1)

In	Out
22	35
24	37
35	48
37	50
42	55

- A. Add 10
- B. Subtract 13
- C. Add 15
- D. Add 13

2)

In	Out
25	39
30	44
36	50
40	54
48	62

- A. Add 13
- B. Subtract 14
- C. Add 14
- D. Add 17

3)

In	Out
22	14
24	16
39	31
50	42
58	50

- A. Add 9
- B. Subtract 6
- C. Subtract 8
- D. Add 8

4)

In	Out
23	15
24	16
25	17
36	28
56	48

- A. Add 8
- B. Subtract 8
- C. Subtract 7
- D. Subtract 9

5)

In	Out
15	24
16	25
30	39
33	42
48	57

- A. Add 9
- B. Subtract 10
- C. Add 7
- D. Subtract 9

6)

Input	Output
21	35
26	40
29	43
30	44
37	51

- A. Add 11
- B. Add 15
- C. Subtract 14
- D. Add 14

7)

In	Out
28	23
32	27
35	30
41	36
44	39

- A. Add 8
- B. Add 5
- C. Subtract 5
- D. Subtract 2

8)

In	Out
21	11
24	14
42	32
51	41
60	50

- A. Subtract 8
- B. Subtract 10
- C. Add 10
- D. Add 12

9)

In	Out
36	40
41	45
46	50
46	50
50	54

- A. Subtract 4
- B. Add 4
- C. Add 1
- D. Add 7

**Answers**

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
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8. \_\_\_\_\_
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50	54

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Answers

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



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In	Out
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- 5. \_\_\_\_\_
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- 7. \_\_\_\_\_
- 8. \_\_\_\_\_
- 9. \_\_\_\_\_