



Determine what rule the function machine is using.

**Answers**

1)

Input	Output
35	22
60	47
55	42
38	25
28	15

- A. add 18
- B. subtract 20
- C. add 17
- D. subtract 13

2)

Input	Output
39	54
11	26
33	48
13	28
45	60

- A. subtract 10
- B. add 8
- C. subtract 14
- D. add 15

3)

Input	Output
56	43
27	14
55	42
46	33
28	15

- A. add 27
- B. subtract 32
- C. subtract 13
- D. add 34

4)

Input	Output
18	11
31	24
47	40
40	33
56	49

- A. subtract 7
- B. subtract 16
- C. add 14
- D. add 20

5)

Input	Output
34	23
29	18
41	30
46	35
51	40

- A. subtract 25
- B. add 20
- C. subtract 11
- D. add 23

6)

Input	Output
36	41
42	47
15	20
17	22
40	45

- A. add 27
- B. subtract 26
- C. subtract 29
- D. add 5

7)

Input	Output
30	25
28	23
42	37
27	22
31	26

- A. subtract 40
- B. subtract 5
- C. add 34
- D. add 35

8)

Input	Output
35	43
36	44
50	58
18	26
27	35

- A. subtract 11
- B. add 8
- C. subtract 14
- D. add 16

9)

Input	Output
32	45
40	53
15	28
12	25
29	42

- A. add 6
- B. subtract 5
- C. add 8
- D. add 13

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



Determine what rule the function machine is using.

1)

Input	Output
35	22
60	47
55	42
38	25
28	15

- A. add 18
- B. subtract 20
- C. add 17
- D. subtract 13

2)

Input	Output
39	54
11	26
33	48
13	28
45	60

- A. subtract 10
- B. add 8
- C. subtract 14
- D. add 15

3)

Input	Output
56	43
27	14
55	42
46	33
28	15

- A. add 27
- B. subtract 32
- C. subtract 13
- D. add 34

4)

Input	Output
18	11
31	24
47	40
40	33
56	49

- A. subtract 7
- B. subtract 16
- C. add 14
- D. add 20

5)

Input	Output
34	23
29	18
41	30
46	35
51	40

- A. subtract 25
- B. add 20
- C. subtract 11
- D. add 23

6)

Input	Output
36	41
42	47
15	20
17	22
40	45

- A. add 27
- B. subtract 26
- C. subtract 29
- D. add 5

7)

Input	Output
30	25
28	23
42	37
27	22
31	26

- A. subtract 40
- B. subtract 5
- C. add 34
- D. add 35

8)

Input	Output
35	43
36	44
50	58
18	26
27	35

- A. subtract 11
- B. add 8
- C. subtract 14
- D. add 16

9)

Input	Output
32	45
40	53
15	28
12	25
29	42

- A. add 6
- B. subtract 5
- C. add 8
- D. add 13

**Answers**

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