



Determine the number that correctly fills in the blank in the function machine.

1)

Input	Output
6	
13	9
7	3
10	6
9	5

2)

Input	Output
10	29
6	25
4	23
8	27
	28

3)

Input	Output
9	11
5	7
7	9
	6
2	4

4)

Input	Output
3	19
10	26
5	
9	25
2	18

5)

Input	Output
5	22
6	23
4	21
8	25
3	

6)

Input	Output
16	
13	6
14	7
10	3
15	8

7)

In	42	60	48	30
Out	7		8	5

8)

In		4	8	7
Out	42	28	56	49

9)

In		3	2	7
Out	25	15	10	35

10)

In	25	22		23
Out	9	6	3	7

11)

In	20	18	8	10
Out	10	9	4	

12)

In	3	7		4
Out	9	21	15	12

Answers

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_
11. \_\_\_\_\_
12. \_\_\_\_\_



Determine the number that correctly fills in the blank in the function machine.

1)

Input	Output
6	2
13	9
7	3
10	6
9	5

Rule: Sub 4

2)

Input	Output
10	29
6	25
4	23
8	27
9	28

Rule: Add 19

3)

Input	Output
9	11
5	7
7	9
4	6
2	4

Rule: Add 2

4)

Input	Output
3	19
10	26
5	21
9	25
2	18

Rule: Add 16

5)

Input	Output
5	22
6	23
4	21
8	25
3	20

Rule: Add 17

6)

Input	Output
16	9
13	6
14	7
10	3
15	8

Rule: Sub 7

7)

In	42	60	48	30
Out	7	10	8	5

Rule: Div by 6

8)

In	6	4	8	7
Out	42	28	56	49

Rule: Mult by 7

9)

In	5	3	2	7
Out	25	15	10	35

Rule: Mult by 5

10)

In	25	22	19	23
Out	9	6	3	7

Rule: Sub 16

11)

In	20	18	8	10
Out	10	9	4	5

Rule: Div by 2

12)

In	3	7	5	4
Out	9	21	15	12

Rule: Mult by 3

Answers1. 22. 93. 44. 215. 206. 97. 108. 69. 510. 1911. 512. 5