



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

1)

Input	Output
	10
9	16
4	11
2	9
6	13

2)

Input	Output
22	5
21	4
25	8
19	2
	3

3)

Input	Output
19	2
21	4
20	3
25	8
	7

4)

Input	Output
3	30
5	
10	100
6	60
2	20

5)

Input	Output
10	
5	15
6	16
3	13
2	12

6)

Input	Output
5	50
10	100
2	20
	90
6	60

7)

In	17	24	21	23
Out	2	9	6	

8)

In	2	6	5	7
Out	4	12		14

9)

In	6	27	18	21
Out	2	9	6	7

10)

In	32	28	12	36
Out	8	7	3	9

11)

In	21	18	15	27
Out	7	6		9

12)

In	5	10	3	4
Out	24	29		23

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
3	10
9	16
4	11
2	9
6	13

Rule: Add 7

2)

Input	Output
22	5
21	4
25	8
19	2
20	3

Rule: Sub 17

3)

Input	Output
19	2
21	4
20	3
25	8
24	7

Rule: Sub 17

4)

Input	Output
3	30
5	50
10	100
6	60
2	20

Rule: Mult by 10

5)

Input	Output
10	20
5	15
6	16
3	13
2	12

Rule: Add 10

6)

Input	Output
5	50
10	100
2	20
9	90
6	60

Rule: Mult by 10

7)

In	17	24	21	23
Out	2	9	6	8

Rule: Sub 15

8)

In	2	6	5	7
Out	4	12	10	14

Rule: Mult by 2

9)

In	6	27	18	21
Out	2	9	6	7

Rule: Div by 3

10)

In	32	28	12	36
Out	8	7	3	9

Rule: Div by 4

11)

In	21	18	15	27
Out	7	6	5	9

Rule: Div by 3

12)

In	5	10	3	4
Out	24	29	22	23

Rule: Add 19

Answers

1. 3

2. 20

3. 24

4. 50

5. 20

6. 9

7. 8

8. 10

9. 24

10. 10

11. 5

12. 22