



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

1)

Input	Output
14	2
56	8
49	7
63	9
	6

2)

Input	Output
2	7
3	8
5	10
9	14
	15

3)

Input	Output
3	15
4	20
9	
5	25
6	30

4)

Input	Output
13	6
14	7
	9
15	8
12	5

5)

Input	Output
11	6
8	
9	4
13	8
14	9

6)

Input	Output
2	6
5	15
3	9
7	21
	27

7)

In	4		3	7
Out	8	12	7	11

8)

In	2	10	5	3
Out	6	14	9	7

9)

In	24	40	80	
Out	3	5	10	6

10)

In	23	24	21	17
Out	9	10	7	3

11)

In	60	30	40	50
Out		3	4	5

12)

In	9	7	5	11
Out	8	6	4	10

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
14	2
56	8
49	7
63	9
42	6

Rule: Div by 7

2)

Input	Output
2	7
3	8
5	10
9	14
10	15

Rule: Add 5

3)

Input	Output
3	15
4	20
9	45
5	25
6	30

Rule: Mult by 5

4)

Input	Output
13	6
14	7
16	9
15	8
12	5

Rule: Sub 7

5)

Input	Output
11	6
8	3
9	4
13	8
14	9

Rule: Sub 5

6)

Input	Output
2	6
5	15
3	9
7	21
9	27

Rule: Mult by 3

7)

In	4	8	3	7
Out	8	12	7	11

Rule: Add 4

8)

In	2	10	5	3
Out	6	14	9	7

Rule: Add 4

9)

In	24	40	80	48
Out	3	5	10	6

Rule: Div by 8

10)

In	23	24	21	17
Out	9	10	7	3

Rule: Sub 14

11)

In	60	30	40	50
Out	6	3	4	5

Rule: Div by 10

12)

In	9	7	5	11
Out	8	6	4	10

Rule: Sub 1

Answers1. 422. 103. 454. 165. 36. 97. 88. 79. 4810. 211. 612. 3