



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

1)

Input	Output
18	4
21	7
22	
19	5
20	6

2)

Input	Output
3	10
5	12
6	13
9	16
2	

3)

Input	Output
10	14
4	
3	7
9	13
7	11

4)

Input	Output
11	8
5	
6	3
12	9
9	6

5)

Input	Output
20	10
16	8
4	2
18	9
14	

6)

Input	Output
7	28
8	32
3	12
10	40
	24

7)

In	19		16	13
Out	10	9	7	4

8)

In	2	3	8	
Out	12	18	48	54

9)

In	15	21	27	
Out	5	7	9	8

10)

In	8	3	5	6
Out		22	24	25

11)

In	4	6	10	2
Out	32	48		16

12)

In	23	27	25	26
Out	3	7		6

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
18	4
21	7
22	8
19	5
20	6

Rule: Sub 14

2)

Input	Output
3	10
5	12
6	13
9	16
2	9

Rule: Add 7

3)

Input	Output
10	14
4	8
3	7
9	13
7	11

Rule: Add 4

4)

Input	Output
11	8
5	2
6	3
12	9
9	6

Rule: Sub 3

5)

Input	Output
20	10
16	8
4	2
18	9
14	7

Rule: Div by 2

6)

Input	Output
7	28
8	32
3	12
10	40
6	24

Rule: Mult by 4

7)

In	19	18	16	13
Out	10	9	7	4

Rule: Sub 9

8)

In	2	3	8	9
Out	12	18	48	54

Rule: Mult by 6

9)

In	15	21	27	24
Out	5	7	9	8

Rule: Div by 3

10)

In	8	3	5	6
Out	27	22	24	25

Rule: Add 19

11)

In	4	6	10	2
Out	32	48	80	16

Rule: Mult by 8

12)

In	23	27	25	26
Out	3	7	5	6

Rule: Sub 20

Answers1. 82. 93. 84. 25. 76. 67. 188. 99. 2410. 2711. 8012. 5