



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

1)

Input	Output
4	
6	14
7	15
8	16
9	17

2)

Input	Output
8	17
7	16
	19
4	13
3	12

3)

Input	Output
35	7
25	5
10	2
20	4
	3

4)

Input	Output
10	30
	9
8	24
9	27
7	21

5)

Input	Output
15	
22	9
21	8
19	6
23	10

6)

Input	Output
19	5
23	9
21	7
17	3
20	

7)

In	14	17	21	18
Out	3		10	7

8)

In	90	80	60	40
Out	9	8	6	4

9)

In	8		5	9
Out	24	30	15	27

10)

In		8	9	10
Out	19	24	25	26

11)

In	5	8	7	
Out	25	40	35	50

12)

In	2	4	6	3
Out	14		42	21

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
4	12
6	14
7	15
8	16
9	17

Rule: Add 8

2)

Input	Output
8	17
7	16
10	19
4	13
3	12

Rule: Add 9

3)

Input	Output
35	7
25	5
10	2
20	4
15	3

Rule: Div by 5

4)

Input	Output
10	30
3	9
8	24
9	27
7	21

Rule: Mult by 3

5)

Input	Output
15	2
22	9
21	8
19	6
23	10

Rule: Sub 13

6)

Input	Output
19	5
23	9
21	7
17	3
20	6

Rule: Sub 14

7)

In	14	17	21	18
Out	3	6	10	7

Rule: Sub 11

8)

In	90	80	60	40
Out	9	8	6	4

Rule: Div by 10

9)

In	8	10	5	9
Out	24	30	15	27

Rule: Mult by 3

10)

In	3	8	9	10
Out	19	24	25	26

Rule: Add 16

11)

In	5	8	7	10
Out	25	40	35	50

Rule: Mult by 5

12)

In	2	4	6	3
Out	14	28	42	21

Rule: Mult by 7

Answers1. 122. 103. 154. 35. 26. 67. 68. 309. 1010. 311. 1012. 28