



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

1)

Input	Output
4	23
6	25
	28
10	29
7	26

2)

Input	Output
9	26
4	21
	25
6	23
5	22

3)

Input	Output
	10
15	5
9	3
27	9
6	2

4)

Input	Output
11	6
7	2
9	4
10	
8	3

5)

Input	Output
7	12
	7
4	9
10	15
9	14

6)

Input	Output
21	8
23	10
16	3
18	5
22	

7)

In	56	21	42	63
Out	8		6	9

8)

In	5	4	10	2
Out	15	12	30	6

9)

In	5	2	8	7
Out		22	28	27

10)

In		4	7	6
Out	90	36	63	54

11)

In		20	16	19
Out	2	8	4	7

12)

In	50	45	25	40
Out	10	9	5	8

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	23
6	25
9	28
10	29
7	26

Rule: Add 19

2)

Input	Output
9	26
4	21
8	25
6	23
5	22

Rule: Add 17

3)

Input	Output
30	10
15	5
9	3
27	9
6	2

Rule: Div by 3

4)

Input	Output
11	6
7	2
9	4
10	5
8	3

Rule: Sub 5

5)

Input	Output
7	12
2	7
4	9
10	15
9	14

Rule: Add 5

6)

Input	Output
21	8
23	10
16	3
18	5
22	9

Rule: Sub 13

7)

In	56	21	42	63
Out	8	3	6	9

Rule: Div by 7

8)

In	5	4	10	2
Out	15	12	30	6

Rule: Mult by 3

9)

In	5	2	8	7
Out	25	22	28	27

Rule: Add 20

10)

In	10	4	7	6
Out	90	36	63	54

Rule: Mult by 9

11)

In	14	20	16	19
Out	2	8	4	7

Rule: Sub 12

12)

In	50	45	25	40
Out	10	9	5	8

Rule: Div by 5

Answers1. 92. 83. 304. 55. 26. 97. 38. 219. 2510. 1011. 1412. 15