



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

1)

Input	Output
93	96
	66
86	89
65	68
46	49

2)

Input	Output
88	108
68	88
47	67
28	48
62	

3)

Input	Output
13	29
56	72
70	
52	68
3	19

4)

Input	Output
6	2
27	9
12	4
30	10
	8

5)

Input	Output
48	8
	2
42	7
54	9
60	10

6)

Input	Output
6	24
2	8
8	32
4	
9	36

7)

In		28	35	56	14
Out	3	4	5	8	2

8)

In	15	20	40		45
Out	3	4	8	5	9

9)

In	9	8	2	4	3
Out	18	16	4		6

10)

In	63	32	39	24	49
Out	54		30	15	40

11)

In	63	83	49		85
Out	51	71	37	99	73

12)

In	4	2	8		10
Out	36	18	72	54	90

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
93	96
63	66
86	89
65	68
46	49

Rule: Add 3

2)

Input	Output
88	108
68	88
47	67
28	48
62	82

Rule: Add 20

3)

Input	Output
13	29
56	72
70	86
52	68
3	19

Rule: Add 16

4)

Input	Output
6	2
27	9
12	4
30	10
24	8

Rule: Div by 3

5)

Input	Output
48	8
12	2
42	7
54	9
60	10

Rule: Div by 6

6)

Input	Output
6	24
2	8
8	32
4	16
9	36

Rule: Mult by 4

7)

In	21	28	35	56	14
Out	3	4	5	8	2

Rule: Div by 7

8)

In	15	20	40	25	45
Out	3	4	8	5	9

Rule: Div by 5

9)

In	9	8	2	4	3
Out	18	16	4	8	6

Rule: Mult by 2

10)

In	63	32	39	24	49
Out	54	23	30	15	40

Rule: Sub 9

11)

In	63	83	49	111	85
Out	51	71	37	99	73

Rule: Sub 12

12)

In	4	2	8	6	10
Out	36	18	72	54	90

Rule: Mult by 9

Answers

1. 63

2. 82

3. 86

4. 24

5. 12

6. 16

7. 21

8. 25

9. 8

10. 23

11. 111

12. 6