



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

1)

Input	Output
89	81
10	2
87	
46	38
95	87

2)

Input	Output
86	101
84	99
34	49
95	
16	31

3)

Input	Output
13	
40	48
41	49
35	43
5	13

4)

Input	Output
39	41
26	28
20	
96	98
28	30

5)

Input	Output
49	7
63	9
70	
42	6
21	3

6)

Input	Output
86	77
41	32
57	48
35	26
	39

7)

In	35	45	10	40	30
Out	7		2	8	6

8)

In	5		2	4	8
Out	30	18	12	24	48

9)

In	5	6	7	10	4
Out	45	54		90	36

10)

In	16	6	18	14	8
Out	8	3	9		4

11)

In	89	43	93	67	25
Out	93	47	97	71	

12)

In	12	28	24		36
Out	3	7	6	10	9

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
89	81
10	2
87	79
46	38
95	87

Rule: Sub 8

2)

Input	Output
86	101
84	99
34	49
95	110
16	31

Rule: Add 15

3)

Input	Output
13	21
40	48
41	49
35	43
5	13

Rule: Add 8

4)

Input	Output
39	41
26	28
20	22
96	98
28	30

Rule: Add 2

5)

Input	Output
49	7
63	9
70	10
42	6
21	3

Rule: Div 7

6)

Input	Output
86	77
41	32
57	48
35	26
48	39

Rule: Sub 9

7)

In	35	45	10	40	30
Out	7	9	2	8	6

Rule: Div 5

8)

In	5	3	2	4	8
Out	30	18	12	24	48

Rule: Mult 6

9)

In	5	6	7	10	4
Out	45	54	63	90	36

Rule: Mult 9

10)

In	16	6	18	14	8
Out	8	3	9	7	4

Rule: Div 2

11)

In	89	43	93	67	25
Out	93	47	97	71	29

Rule: Add 4

12)

In	12	28	24	40	36
Out	3	7	6	10	9

Rule: Div 4

Answers

1. **79**

2. **110**

3. **21**

4. **22**

5. **10**

6. **48**

7. **9**

8. **3**

9. **63**

10. **7**

11. **29**

12. **40**



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

48	3	29	7	9	40
63	22	10	79	21	110

1)

Input	Output
89	81
10	2
87	
46	38
95	87

2)

Input	Output
86	101
84	99
34	49
95	
16	31

3)

Input	Output
13	
40	48
41	49
35	43
5	13

4)

Input	Output
39	41
26	28
20	
96	98
28	30

5)

Input	Output
49	7
63	9
70	
42	6
21	3

6)

Input	Output
86	77
41	32
57	48
35	26
	39

7)

In	35	45	10	40	30
Out	7		2	8	6

8)

In	5		2	4	8
Out	30	18	12	24	48

9)

In	5	6	7	10	4
Out	45	54		90	36

10)

In	16	6	18	14	8
Out	8	3	9		4

11)

In	89	43	93	67	25
Out	93	47	97	71	

12)

In	12	28	24		36
Out	3	7	6	10	9

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____