



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

1)

Input	Output
27	41
15	29
70	84
96	
86	100

2)

Input	Output
60	49
80	69
98	87
100	
72	61

3)

Input	Output
6	36
5	30
4	24
	54
7	42

4)

Input	Output
36	
16	4
40	10
32	8
12	3

5)

Input	Output
49	58
39	48
98	107
	74
25	34

6)

Input	Output
21	7
88	
30	16
45	31
47	33

7)

In	5	6	8	4	7
Out		60	80	40	70

8)

In	18	4	20		10
Out	9	2	10	7	5

9)

In	68	19		60	87
Out	73	24	45	65	92

10)

In	51	10	28	23	98
Out	42		19	14	89

11)

In	3	9	6	7	8
Out		27	18	21	24

12)

In	45	90	18		63
Out	5	10	2	9	7

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
27	41
15	29
70	84
96	<b>110</b>
86	100

**Rule: Add 14**

2)

Input	Output
60	49
80	69
98	87
100	<b>89</b>
72	61

**Rule: Sub 11**

3)

Input	Output
6	36
5	30
4	24
<b>9</b>	54
7	42

**Rule: Mult 6**

4)

Input	Output
36	<b>9</b>
16	4
40	10
32	8
12	3

**Rule: Div 4**

5)

Input	Output
49	58
39	48
98	107
<b>65</b>	74
25	34

**Rule: Add 9**

6)

Input	Output
21	7
88	<b>74</b>
30	16
45	31
47	33

**Rule: Sub 14**

7)

In	5	6	8	4	7
Out	<b>50</b>	60	80	40	70

**Rule: Mult 10**

8)

In	18	4	20	<b>14</b>	10
Out	9	2	10	7	5

**Rule: Div 2**

9)

In	68	19	<b>40</b>	60	87
Out	73	24	45	65	92

**Rule: Add 5**

10)

In	51	10	28	23	98
Out	42	<b>1</b>	19	14	89

**Rule: Sub 9**

11)

In	3	9	6	7	8
Out	<b>9</b>	27	18	21	24

**Rule: Mult 3**

12)

In	45	90	18	<b>81</b>	63
Out	5	10	2	9	7

**Rule: Div 9**

Answers

1. 110

2. 89

3. 9

4. 9

5. 65

6. 74

7. 50

8. 14

9. 40

10. 1

11. 9

12. 81



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

74	14	65	1	9	110
40	89	50	9	9	81

**Answers**

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

1)

Input	Output
27	41
15	29
70	84
96	
86	100

2)

Input	Output
60	49
80	69
98	87
100	
72	61

3)

Input	Output
6	36
5	30
4	24
	54
7	42

4)

Input	Output
36	
16	4
40	10
32	8
12	3

5)

Input	Output
49	58
39	48
98	107
	74
25	34

6)

Input	Output
21	7
88	
30	16
45	31
47	33

7)

In	5	6	8	4	7
Out		60	80	40	70

8)

In	18	4	20		10
Out	9	2	10	7	5

9)

In	68	19		60	87
Out	73	24	45	65	92

10)

In	51	10	28	23	98
Out	42		19	14	89

11)

In	3	9	6	7	8
Out		27	18	21	24

12)

In	45	90	18		63
Out	5	10	2	9	7