



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

1)

Input	Output
48	8
60	10
	5
54	9
12	2

2)

Input	Output
	72
3	27
5	45
7	63
2	18

3)

Input	Output
5	23
9	27
2	20
6	24
10	

4)

Input	Output
32	4
72	
24	3
64	8
80	10

5)

Input	Output
18	2
24	8
20	4
25	
22	6

6)

Input	Output
10	
2	12
4	24
9	54
5	30

7)

In	60	50	70	90
Out	6		7	9

8)

In	19	26	18	25
Out	3	10	2	9

9)

In	9	3	8	7
Out	18		17	16

10)

In	8	6		5
Out	13	11	9	10

11)

In	50	90	20	
Out	5	9	2	8

12)

In	20	16		18
Out	8	4	2	6

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
48	8
60	10
30	5
54	9
12	2

Rule: Div by 6

2)

Input	Output
8	72
3	27
5	45
7	63
2	18

Rule: Mult by 9

3)

Input	Output
5	23
9	27
2	20
6	24
10	28

Rule: Add 18

4)

Input	Output
32	4
72	9
24	3
64	8
80	10

Rule: Div by 8

5)

Input	Output
18	2
24	8
20	4
25	9
22	6

Rule: Sub 16

6)

Input	Output
10	60
2	12
4	24
9	54
5	30

Rule: Mult by 6

7)

In	60	50	70	90
Out	6	5	7	9

Rule: Div by 10

8)

In	19	26	18	25
Out	3	10	2	9

Rule: Sub 16

9)

In	9	3	8	7
Out	18	12	17	16

Rule: Add 9

10)

In	8	6	4	5
Out	13	11	9	10

Rule: Add 5

11)

In	50	90	20	80
Out	5	9	2	8

Rule: Div by 10

12)

In	20	16	14	18
Out	8	4	2	6

Rule: Sub 12

Answers1. 302. 83. 284. 95. 96. 607. 58. 89. 1210. 411. 8012. 14