



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

1)

Input	Output
66	67
	28
98	99
20	21
32	33

2)

Input	Output
16	14
96	94
95	93
55	53
	1

3)

Input	Output
5	30
	42
10	60
9	54
4	24

4)

Input	Output
90	10
81	9
18	2
	3
45	5

5)

Input	Output
90	97
77	
98	105
7	14
17	24

6)

Input	Output
54	40
52	38
59	45
28	14
65	

7)

In	8	10	4	9	
Out	64	80	32	72	56

8)

In	40		36	20	12
Out	10	6	9	5	3

9)

In	24	72	94	4	33
Out	36		106	16	45

10)

In		12	84	94	58
Out	37	9	81	91	55

11)

In	5		3	7	9
Out	50	60	30	70	90

12)

In	6	8	12	10	
Out	3	4	6	5	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
66	67
27	28
98	99
20	21
32	33

Rule: Add 1

2)

Input	Output
16	14
96	94
95	93
55	53
3	1

Rule: Sub 2

3)

Input	Output
5	30
7	42
10	60
9	54
4	24

Rule: Mult 6

4)

Input	Output
90	10
81	9
18	2
27	3
45	5

Rule: Div 9

5)

Input	Output
90	97
77	84
98	105
7	14
17	24

Rule: Add 7

6)

Input	Output
54	40
52	38
59	45
28	14
65	51

Rule: Sub 14

7)

In	8	10	4	9	7
Out	64	80	32	72	56

Rule: Mult 8

8)

In	40	24	36	20	12
Out	10	6	9	5	3

Rule: Div 4

9)

In	24	72	94	4	33
Out	36	84	106	16	45

Rule: Add 12

10)

In	40	12	84	94	58
Out	37	9	81	91	55

Rule: Sub 3

11)

In	5	6	3	7	9
Out	50	60	30	70	90

Rule: Mult 10

12)

In	6	8	12	10	18
Out	3	4	6	5	9

Rule: Div 2

Answers

1. 27

2. 3

3. 7

4. 27

5. 84

6. 51

7. 7

8. 24

9. 84

10. 40

11. 6

12. 18



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

3	6	40	27	7	27
84	7	18	51	84	24

Answers

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

1)

Input	Output
66	67
	28
98	99
20	21
32	33

2)

Input	Output
16	14
96	94
95	93
55	53
	1

3)

Input	Output
5	30
	42
10	60
9	54
4	24

4)

Input	Output
90	10
81	9
18	2
	3
45	5

5)

Input	Output
90	97
77	
98	105
7	14
17	24

6)

Input	Output
54	40
52	38
59	45
28	14
65	

7)

In	8	10	4	9	
Out	64	80	32	72	56

8)

In	40		36	20	12
Out	10	6	9	5	3

9)

In	24	72	94	4	33
Out	36		106	16	45

10)

In		12	84	94	58
Out	37	9	81	91	55

11)

In	5		3	7	9
Out	50	60	30	70	90

12)

In	6	8	12	10	
Out	3	4	6	5	9