



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

Answers

1)

Input	Output
11	
61	78
96	113
98	115
82	99

2)

Input	Output
95	89
80	74
62	56
7	
21	15

3)

Input	Output
3	18
4	
5	30
9	54
7	42

4)

Input	Output
45	5
81	9
54	6
90	10
	8

5)

Input	Output
	47
76	89
48	61
66	79
2	15

6)

Input	Output
24	7
42	25
36	19
108	91
28	

7)

In	6	5	8	2	3
Out	18	15	24		9

8)

In	70		42	35	56
Out	10	4	6	5	8

9)

In	68	83	8		37
Out	79	94	19	73	48

10)

In		101	91	100	84
Out	8	94	84	93	77

11)

In	6	3	10	5	8
Out	24		40	20	32

12)

In		10	8	14	18
Out	8	5	4	7	9

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
11	28
61	78
96	113
98	115
82	99

Rule: Add 17

2)

Input	Output
95	89
80	74
62	56
7	1
21	15

Rule: Sub 6

3)

Input	Output
3	18
4	24
5	30
9	54
7	42

Rule: Mult 6

4)

Input	Output
45	5
81	9
54	6
90	10
72	8

Rule: Div 9

5)

Input	Output
34	47
76	89
48	61
66	79
2	15

Rule: Add 13

6)

Input	Output
24	7
42	25
36	19
108	91
28	11

Rule: Sub 17

7)

In	6	5	8	2	3
Out	18	15	24	6	9

Rule: Mult 3

8)

In	70	28	42	35	56
Out	10	4	6	5	8

Rule: Div 7

9)

In	68	83	8	62	37
Out	79	94	19	73	48

Rule: Add 11

10)

In	15	101	91	100	84
Out	8	94	84	93	77

Rule: Sub 7

11)

In	6	3	10	5	8
Out	24	12	40	20	32

Rule: Mult 4

12)

In	16	10	8	14	18
Out	8	5	4	7	9

Rule: Div 2

Answers

1. 28

2. 1

3. 24

4. 72

5. 34

6. 11

7. 6

8. 28

9. 62

10. 15

11. 12

12. 16



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

11	34	62	28	1	12
28	72	15	16	6	24

Answers

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

1)

Input	Output
11	
61	78
96	113
98	115
82	99

2)

Input	Output
95	89
80	74
62	56
7	
21	15

3)

Input	Output
3	18
4	
5	30
9	54
7	42

4)

Input	Output
45	5
81	9
54	6
90	10
	8

5)

Input	Output
	47
76	89
48	61
66	79
2	15

6)

Input	Output
24	7
42	25
36	19
108	91
28	

7)

In	6	5	8	2	3
Out	18	15	24		9

8)

In	70		42	35	56
Out	10	4	6	5	8

9)

In	68	83	8		37
Out	79	94	19	73	48

10)

In		101	91	100	84
Out	8	94	84	93	77

11)

In	6	3	10	5	8
Out	24		40	20	32

12)

In		10	8	14	18
Out	8	5	4	7	9