



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

1)

Input	Output
17	29
	92
99	111
66	78
53	65

2)

Input	Output
50	70
	60
44	64
15	35
73	93

3)

Input	Output
76	90
69	83
24	38
83	97
9	

4)

Input	Output
2	14
4	
10	70
6	42
9	63

5)

Input	Output
3	
7	14
6	12
9	18
8	16

6)

Input	Output
36	6
54	9
12	2
60	
18	3

7)

In		100	80	40	30
Out	5	10	8	4	3

8)

In	4	2		3	5
Out	36	18	63	27	45

9)

In	11		15	67	81
Out	3	17	7	59	73

10)

In	64		80	48	40
Out	8	9	10	6	5

11)

In	22	16	21	83	
Out	11	5	10	72	78

12)

In	3		9	10	5
Out	15	10	45	50	25

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
17	29
80	92
99	111
66	78
53	65

Rule: Add 12

2)

Input	Output
50	70
40	60
44	64
15	35
73	93

Rule: Add 20

3)

Input	Output
76	90
69	83
24	38
83	97
9	23

Rule: Add 14

4)

Input	Output
2	14
4	28
10	70
6	42
9	63

Rule: Mult 7

5)

Input	Output
3	6
7	14
6	12
9	18
8	16

Rule: Mult 2

6)

Input	Output
36	6
54	9
12	2
60	10
18	3

Rule: Div 6

7)

In	50	100	80	40	30
Out	5	10	8	4	3

Rule: Div 10

8)

In	4	2	7	3	5
Out	36	18	63	27	45

Rule: Mult 9

9)

In	11	25	15	67	81
Out	3	17	7	59	73

Rule: Sub 8

10)

In	64	72	80	48	40
Out	8	9	10	6	5

Rule: Div 8

11)

In	22	16	21	83	89
Out	11	5	10	72	78

Rule: Sub 11

12)

In	3	2	9	10	5
Out	15	10	45	50	25

Rule: Mult 5

Answers

1. 80

2. 40

3. 23

4. 28

5. 6

6. 10

7. 50

8. 7

9. 25

10. 72

11. 89

12. 2



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

Answers

89	6	2	28	25	10
40	23	72	80	7	50

1)

Input	Output
17	29
	92
99	111
66	78
53	65

2)

Input	Output
50	70
	60
44	64
15	35
73	93

3)

Input	Output
76	90
69	83
24	38
83	97
9	

4)

Input	Output
2	14
4	
10	70
6	42
9	63

5)

Input	Output
3	
7	14
6	12
9	18
8	16

6)

Input	Output
36	6
54	9
12	2
60	
18	3

7)

In		100	80	40	30
Out	5	10	8	4	3

8)

In	4	2		3	5
Out	36	18	63	27	45

9)

In	11		15	67	81
Out	3	17	7	59	73

10)

In	64		80	48	40
Out	8	9	10	6	5

11)

In	22	16	21	83	
Out	11	5	10	72	78

12)

In	3		9	10	5
Out	15	10	45	50	25

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