



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

Answers

1)

Input	Output
57	
49	41
84	76
31	23
81	73

2)

Input	Output
28	7
12	3
36	
20	5
24	6

3)

Input	Output
41	31
95	85
13	3
80	70
	69

4)

Input	Output
3	18
8	48
5	30
9	54
2	

5)

Input	Output
9	72
2	16
4	32
	56
10	80

6)

Input	Output
	11
26	27
37	38
15	16
79	80

7)

In	90	36	18	72	27
Out	10	4	2		3

8)

In	91	72	50		89
Out	108	89	67	29	106

9)

In	50	30	20	70	80
Out	5	3		7	8

10)

In	30	24	6	27	9
Out	10	8	2		3

11)

In	3	6	2	10	4
Out		12	4	20	8

12)

In	3	10	9	5	7
Out		50	45	25	35

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
57	49
49	41
84	76
31	23
81	73

Rule: Sub 8

2)

Input	Output
28	7
12	3
36	9
20	5
24	6

Rule: Div 4

3)

Input	Output
41	31
95	85
13	3
80	70
79	69

Rule: Sub 10

4)

Input	Output
3	18
8	48
5	30
9	54
2	12

Rule: Mult 6

5)

Input	Output
9	72
2	16
4	32
7	56
10	80

Rule: Mult 8

6)

Input	Output
10	11
26	27
37	38
15	16
79	80

Rule: Add 1

7)

In	90	36	18	72	27
Out	10	4	2	8	3

Rule: Div 9

8)

In	91	72	50	12	89
Out	108	89	67	29	106

Rule: Add 17

9)

In	50	30	20	70	80
Out	5	3	2	7	8

Rule: Div 10

10)

In	30	24	6	27	9
Out	10	8	2	9	3

Rule: Div 3

11)

In	3	6	2	10	4
Out	6	12	4	20	8

Rule: Mult 2

12)

In	3	10	9	5	7
Out	15	50	45	25	35

Rule: Mult 5

Answers

1. 49
2. 9
3. 79
4. 12
5. 7
6. 10
7. 8
8. 12
9. 2
10. 9
11. 6
12. 15



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

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

12. _____

1)

Input	Output
57	
49	41
84	76
31	23
81	73

2)

Input	Output
28	7
12	3
36	
20	5
24	6

3)

Input	Output
41	31
95	85
13	3
80	70
	69

4)

Input	Output
3	18
8	48
5	30
9	54
2	

5)

Input	Output
9	72
2	16
4	32
	56
10	80

6)

Input	Output
	11
26	27
37	38
15	16
79	80

7)

In	90	36	18	72	27
Out	10	4	2		3

8)

In	91	72	50		89
Out	108	89	67	29	106

9)

In	50	30	20	70	80
Out	5	3		7	8

10)

In	30	24	6	27	9
Out	10	8	2		3

11)

In	3	6	2	10	4
Out		12	4	20	8

12)

In	3	10	9	5	7
Out		50	45	25	35