

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

Answers

1)

Input	Output
54	
45	5
72	8
36	4
81	9

2)

Input	Output
	22
5	24
10	29
9	28
7	26

3)

Input	Output
7	3
13	9
14	10
12	8
	5

4)

Input	Output
10	70
7	49
8	
4	28
9	63

5)

Input	Output
8	12
3	7
	11
5	9
4	8

6)

Input	Output
5	50
10	
6	60
8	80
9	90

7)

In	9	2		8
Out	81	18	27	72

8)

In	3		4	2
Out	8	15	9	7

9)

In	9	7	11	
Out	6	4	8	5

10)

In	8	12	13	14
Out	4		9	10

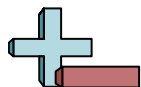
11)

In	48	60	54	30
Out	8	10	9	

12)

In	10	6	12	
Out	5	3	6	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
54	6
45	5
72	8
36	4
81	9

Rule: Div by 9

2)

Input	Output
3	22
5	24
10	29
9	28
7	26

Rule: Add 19

3)

Input	Output
7	3
13	9
14	10
12	8
9	5

Rule: Sub 4

4)

Input	Output
10	70
7	49
8	56
4	28
9	63

Rule: Mult by 7

5)

Input	Output
8	12
3	7
7	11
5	9
4	8

Rule: Add 4

6)

Input	Output
5	50
10	100
6	60
8	80
9	90

Rule: Mult by 10

7)

In	9	2	3	8
Out	81	18	27	72

Rule: Mult by 9

8)

In	3	10	4	2
Out	8	15	9	7

Rule: Add 5

9)

In	9	7	11	8
Out	6	4	8	5

Rule: Sub 3

10)

In	8	12	13	14
Out	4	8	9	10

Rule: Sub 4

11)

In	48	60	54	30
Out	8	10	9	5

Rule: Div by 6

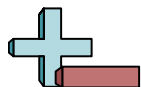
12)

In	10	6	12	18
Out	5	3	6	9

Rule: Div by 2

Answers

1. **6**
2. **3**
3. **9**
4. **56**
5. **7**
6. **100**
7. **3**
8. **10**
9. **8**
10. **8**
11. **5**
12. **18**



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

Answers

1)

Input	Output
54	
45	5
72	8
36	4
81	9

2)

Input	Output
	22
5	24
10	29
9	28
7	26

3)

Input	Output
7	3
13	9
14	10
12	8
	5

4)

Input	Output
10	70
7	49
8	
4	28
9	63

5)

Input	Output
8	12
3	7
	11
5	9
4	8

6)

Input	Output
5	50
10	
6	60
8	80
9	90

7)

In	9	2		8
Out	81	18	27	72

8)

In	3		4	2
Out	8	15	9	7

9)

In	9	7	11	
Out	6	4	8	5

10)

In	8	12	13	14
Out	4		9	10

11)

In	48	60	54	30
Out	8	10	9	

12)

In	10	6	12	
Out	5	3	6	9

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