



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

Answers

1)

Input	Output
35	7
10	2
30	6
25	5
40	

2)

Input	Output
6	3
11	8
13	10
9	6
12	

3)

Input	Output
20	10
18	8
15	5
16	
13	3

4)

Input	Output
9	11
4	6
2	4
7	
5	7

5)

Input	Output
11	10
3	2
9	8
8	
7	6

6)

Input	Output
10	17
5	
3	10
8	15
4	11

7)

In	36	60	42	54
Out	6	10	7	

8)

In	7	5	8	10
Out	35	25		50

9)

In	14	16	6	20
Out	7		3	10

10)

In	8	5	3	6
Out	24	15	9	18

11)

In	4	3	6	2
Out	22		24	20

12)

In	8	4	7	5
Out	14	10		11

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
35	7
10	2
30	6
25	5
40	8

Rule: Div by 5

2)

Input	Output
6	3
11	8
13	10
9	6
12	9

Rule: Sub 3

3)

Input	Output
20	10
18	8
15	5
16	6
13	3

Rule: Sub 10

4)

Input	Output
9	11
4	6
2	4
7	9
5	7

Rule: Add 2

5)

Input	Output
11	10
3	2
9	8
8	7
7	6

Rule: Sub 1

6)

Input	Output
10	17
5	12
3	10
8	15
4	11

Rule: Add 7

7)

In	36	60	42	54
Out	6	10	7	9

Rule: Div by 6

8)

In	7	5	8	10
Out	35	25	40	50

Rule: Mult by 5

9)

In	14	16	6	20
Out	7	8	3	10

Rule: Div by 2

10)

In	8	5	3	6
Out	24	15	9	18

Rule: Mult by 3

11)

In	4	3	6	2
Out	22	21	24	20

Rule: Add 18

12)

In	8	4	7	5
Out	14	10	13	11

Rule: Add 6

Answers

1. **8**
2. **9**
3. **6**
4. **9**
5. **7**
6. **12**
7. **9**
8. **40**
9. **8**
10. **6**
11. **21**
12. **13**