



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

Answers

1)

Input	Output
5	35
4	
2	14
6	42
10	70

2)

Input	Output
14	3
	5
19	8
17	6
13	2

3)

Input	Output
100	10
30	
50	5
70	7
80	8

4)

Input	Output
8	15
2	9
10	17
6	
4	11

5)

Input	Output
40	10
8	2
36	9
32	8
20	

6)

Input	Output
2	22
6	26
4	24
	27
9	29

7)

In	3	4		10
Out	24	32	40	80

8)

In	3	2	7	6
Out	17	16	21	

9)

In		8	6	5
Out	24	64	48	40

10)

In	12	8	16	10
Out		2	10	4

11)

In		30	10	50
Out	9	6	2	10

12)

In	14	17	16	12
Out	6	9	8	

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
5	35
4	28
2	14
6	42
10	70

Rule: Mult by 7

2)

Input	Output
14	3
16	5
19	8
17	6
13	2

Rule: Sub 11

3)

Input	Output
100	10
30	3
50	5
70	7
80	8

Rule: Div by 10

4)

Input	Output
8	15
2	9
10	17
6	13
4	11

Rule: Add 7

5)

Input	Output
40	10
8	2
36	9
32	8
20	5

Rule: Div by 4

6)

Input	Output
2	22
6	26
4	24
7	27
9	29

Rule: Add 20

7)

In	3	4	5	10
Out	24	32	40	80

Rule: Mult by 8

8)

In	3	2	7	6
Out	17	16	21	20

Rule: Add 14

9)

In	3	8	6	5
Out	24	64	48	40

Rule: Mult by 8

10)

In	12	8	16	10
Out	6	2	10	4

Rule: Sub 6

11)

In	45	30	10	50
Out	9	6	2	10

Rule: Div by 5

12)

In	14	17	16	12
Out	6	9	8	4

Rule: Sub 8

Answers1. 282. 163. 34. 135. 56. 77. 58. 209. 310. 611. 4512. 4