



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

Answers

1)

Input	Output
12	2
54	9
18	3
36	
30	5

2)

Input	Output
10	70
6	42
4	28
	56
9	63

3)

Input	Output
9	45
5	
7	35
4	20
2	10

4)

Input	Output
3	
10	20
5	10
9	18
2	4

5)

Input	Output
5	15
	18
4	12
8	24
3	9

6)

Input	Output
36	9
24	
28	7
12	3
32	8

7)

In	7	10	8	5
Out	24	27	25	22

8)

In	12	10	14	13
Out	6	4	8	7

9)

In	11	9	8	13
Out	5	3	2	

10)

In		42	21	49
Out	9	6	3	7

11)

In		9	4	5
Out	14	13	8	9

12)

In		10	8	7
Out	3	7	5	4

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
12	2
54	9
18	3
36	6
30	5

Rule: Div by 6

2)

Input	Output
10	70
6	42
4	28
8	56
9	63

Rule: Mult by 7

3)

Input	Output
9	45
5	25
7	35
4	20
2	10

Rule: Mult by 5

4)

Input	Output
3	6
10	20
5	10
9	18
2	4

Rule: Mult by 2

5)

Input	Output
5	15
6	18
4	12
8	24
3	9

Rule: Mult by 3

6)

Input	Output
36	9
24	6
28	7
12	3
32	8

Rule: Div by 4

7)

In	7	10	8	5
Out	24	27	25	22

Rule: Add 17

8)

In	12	10	14	13
Out	6	4	8	7

Rule: Sub 6

9)

In	11	9	8	13
Out	5	3	2	7

Rule: Sub 6

10)

In	63	42	21	49
Out	9	6	3	7

Rule: Div by 7

11)

In	10	9	4	5
Out	14	13	8	9

Rule: Add 4

12)

In	6	10	8	7
Out	3	7	5	4

Rule: Sub 3

Answers1. 62. 83. 254. 65. 66. 67. 68. 109. 710. 6311. 1012. 6



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7	35
4	20
2	10

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Input	Output
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10	20
5	10
9	18
2	4

5)

Input	Output
5	15
	18
4	12
8	24
3	9

6)

Input	Output
36	9
24	
28	7
12	3
32	8

7)

In	7	10	8	5
Out	24	27	25	22

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In	12	10	14	13
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In	11	9	8	13
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In		42	21	49
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In		9	4	5
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In		10	8	7
Out	3	7	5	4

1. _____
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11. _____
12. _____