



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

1)

Input	Output
8	5
10	7
5	2
12	9
	4

2)

Input	Output
27	3
63	7
72	
81	9
45	5

3)

Input	Output
3	19
9	25
6	22
2	
10	26

4)

Input	Output
27	8
22	3
26	7
25	6
21	

5)

Input	Output
17	5
16	4
	9
22	10
14	2

6)

Input	Output
5	40
3	24
6	48
	32
2	16

7)

In	48	12		54
Out	8	2	10	9

8)

In		5	12	6
Out	6	3	10	4

9)

In	18		10	4
Out	9	6	5	2

10)

In	10	6	2	8
Out		42	14	56

11)

In	8	5		3
Out	40	25	10	15

12)

In	10	6	4	5
Out	18	14	12	13

Answers

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
8	5
10	7
5	2
12	9
7	4

Rule: Sub 3

2)

Input	Output
27	3
63	7
72	8
81	9
45	5

Rule: Div by 9

3)

Input	Output
3	19
9	25
6	22
2	18
10	26

Rule: Add 16

4)

Input	Output
27	8
22	3
26	7
25	6
21	2

Rule: Sub 19

5)

Input	Output
17	5
16	4
21	9
22	10
14	2

Rule: Sub 12

6)

Input	Output
5	40
3	24
6	48
4	32
2	16

Rule: Mult by 8

7)

In	48	12	60	54
Out	8	2	10	9

Rule: Div by 6

8)

In	8	5	12	6
Out	6	3	10	4

Rule: Sub 2

9)

In	18	12	10	4
Out	9	6	5	2

Rule: Div by 2

10)

In	10	6	2	8
Out	70	42	14	56

Rule: Mult by 7

11)

In	8	5	2	3
Out	40	25	10	15

Rule: Mult by 5

12)

In	10	6	4	5
Out	18	14	12	13

Rule: Add 8

Answers1. 72. 83. 184. 25. 216. 47. 608. 89. 1210. 7011. 212. 8



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

Answers

1)

Input	Output
8	5
10	7
5	2
12	9
	4

2)

Input	Output
27	3
63	7
72	
81	9
45	5

3)

Input	Output
3	19
9	25
6	22
2	
10	26

4)

Input	Output
27	8
22	3
26	7
25	6
21	

5)

Input	Output
17	5
16	4
	9
22	10
14	2

6)

Input	Output
5	40
3	24
6	48
	32
2	16

7)

In	48	12		54
Out	8	2	10	9

8)

In		5	12	6
Out	6	3	10	4

9)

In	18		10	4
Out	9	6	5	2

10)

In	10	6	2	8
Out		42	14	56

11)

In	8	5		3
Out	40	25	10	15

12)

In	10	6	4	5
Out	18	14	12	13

1. _____
2. _____
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12. _____