



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

Answers

1)

Input	Output
2	17
4	19
7	22
10	25
	18

2)

Input	Output
9	17
2	10
8	16
7	
4	12

3)

Input	Output
24	5
27	8
25	
23	4
29	10

4)

Input	Output
12	3
32	8
28	
8	2
20	5

5)

Input	Output
6	8
8	10
4	6
7	
9	11

6)

Input	Output
	9
4	11
5	12
9	16
10	17

7)

Input	16	64		40	24
Output	2	8	7	5	3

8)

Input	4	8	5	3	10
Output	40	80	50	30	

9)

Input	15		16	19	11
Output	6	8	7	10	2

10)

Input	11	14		9	10
Output	4	7	9	2	3

11)

Input		36	27	18	90
Output	9	4	3	2	10

12)

Input		8	10	3	6
Output	14	56	70	21	42

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.

Answers

1)

Input	Output
2	17
4	19
7	22
10	25
3	18

Rule: Add 15

2)

Input	Output
9	17
2	10
8	16
7	15
4	12

Rule: Add 8

3)

Input	Output
24	5
27	8
25	6
23	4
29	10

Rule: Sub 19

4)

Input	Output
12	3
32	8
28	7
8	2
20	5

Rule: Div by 4

5)

Input	Output
6	8
8	10
4	6
7	9
9	11

Rule: Add 2

6)

Input	Output
2	9
4	11
5	12
9	16
10	17

Rule: Add 7

7)	Input	16	64	56	40	24
	Output	2	8	7	5	3

Rule: Div by 8

8)	Input	4	8	5	3	10
	Output	40	80	50	30	100

Rule: Mult by 10

9)

Input	15	17	16	19	11
Output	6	8	7	10	2

Rule: Sub 9

10)

Input	11	14	16	9	10
Output	4	7	9	2	3

Rule: Sub 7

11)	Input	81	36	27	18	90
	Output	9	4	3	2	10

Rule: Div by 9

12)	Input	2	8	10	3	6
	Output	14	56	70	21	42

Rule: Mult by 7

1. **3**

2. **15**

3. **6**

4. **7**

5. **9**

6. **2**

7. **56**

8. **100**

9. 17

10 **16**

11. **81**12. **2**