



Answers



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

Answers

1)

Input	Output
24	4
48	8
42	7
12	2
18	3

Rule: Div by 6

2)

Input	Output
16	7
18	9
13	4
19	10
12	3

Rule: Sub 9

3)

Input	Output
2	4
8	16
3	6
7	14
9	18

Rule: Mult by 2

4)

Input	Output
3	15
6	30
2	10
10	50
9	45

Rule: Mult by 5

5)

Input	Output
9	28
3	22
6	25
8	27
4	23

Rule: Add 19

6)

Input	Output
54	6
81	9
36	4
63	7
18	2

Rule: Div by 9

7)

Input	8	5	3	2	6
Output	11	8	6	5	9

Rule: Add 3

8)

Input	6	10	2	9	7
Output	14	18	10	17	15

Rule: Add 8

9)

Input	30	50	35	20	15
Output	6	10	7	4	3

Rule: Div by 5

10)

Input	3	6	2	8	4
Output	10	13	9	15	11

Rule: Add 7

11)

Input	8	10	6	9	7
Output	80	100	60	90	70

Rule: Mult by 10

12)

Input	21	15	18	16	17
Output	8	2	5	3	4

Rule: Sub 13

1. **48**
2. **12**
3. **16**
4. **6**
5. **27**
6. **54**
7. **3**
8. **7**
9. **10**
10. **6**
11. **10**
12. **4**