



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

Answers

1)

Input	Output
30	5
	7
12	2
18	3
36	6

2)

Input	Output
15	7
16	
18	10
10	2
14	6

3)

Input	Output
	21
2	14
8	56
5	35
9	63

4)

Input	Output
2	15
7	20
3	16
5	18
	22

5)

Input	Output
13	5
18	10
16	8
	2
17	9

6)

Input	Output
18	2
72	8
63	7
45	5
81	

7)

Input	4	7	3	5	8
Output		27	23	25	28

8)

Input	40	12	24	8	28
Output	10	3		2	7

9)

Input	54	18	90	81	27
Output	6	2	10		3

10)

Input	15	14	16	13	12
Output	8	7		6	5

11)

Input	4	2	5	9	8
Output	11	9		16	15

12)

Input	6		9	7	10
Output	4	3	7	5	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.

Answers1)

Input	Output
30	5
42	7
12	2
18	3
36	6

Rule: Div by 6

2)

Input	Output
15	7
16	8
18	10
10	2
14	6

Rule: Sub 8

3)

Input	Output
3	21
2	14
8	56
5	35
9	63

Rule: Mult by 7

4)

Input	Output
2	15
7	20
3	16
5	18
9	22

Rule: Add 13

5)

Input	Output
13	5
18	10
16	8
10	2
17	9

Rule: Sub 8

6)

Input	Output
18	2
72	8
63	7
45	5
81	9

Rule: Div by 9

7)

Input	4	7	3	5	8
Output	24	27	23	25	28

Rule: Add 20

8)

Input	40	12	24	8	28
Output	10	3	6	2	7

Rule: Div by 4

9)

Input	54	18	90	81	27
Output	6	2	10	9	3

Rule: Div by 9

10)

Input	15	14	16	13	12
Output	8	7	9	6	5

Rule: Sub 7

11)

Input	4	2	5	9	8
Output	11	9	12	16	15

Rule: Add 7

12)

Input	6	5	9	7	10
Output	4	3	7	5	8

Rule: Sub 2

- 42
- 8
- 3
- 9
- 10
- 9
- 24
- 6
- 9
- 9
- 12
- 5