

Input/Output Tables

Find the rule for the given table.

1.

In	Out
30	25
25	20
20	15
15	10
10	5

- Add 5
- Multiply by 3
- Subtract 5
- Divide by 3

2.

In	Out
14	9
15	10
18	13
24	19
6	1

- Add 5
- Multiply by 3
- Subtract 5
- Divide by 3

3.

In	Out
20	17
18	15
12	9
11	8
9	6

- Add 3
- Multiply by 3
- Subtract 3
- Divide by 3

4.

In	Out
12	3
4	1
16	4
8	2
20	5

- Add 6
- Multiply by 2
- Subtract 5
- Divide by 4

5.

In	Out
12	14
18	20
24	26
28	30
6	8

- Add 2
- Multiply by 2
- Subtract 2
- Divide by 2

Find the missing numbers in the given table, by identifying the rule.

6.

In	Out
6	—
8	—
5	7
2	4
4	6

- 8 and 10
- 8 and 11
- 7 and 10
- 7 and 11

7.

In	Out
6	14
5	13
8	—
4	—
2	10

- 12 and 14
- 10 and 12
- 16 and 12
- 16 and 14

8.

In	Out
2	6
10	—
5	9
14	18
12	—

- 14 and 15
- 16 and 15
- 14 and 16
- 14 and 17

9.

In	Out
3	—
5	10
9	14
6	11
2	—

- 8 and 7
- 6 and 8
- 7 and 6
- 8 and 9

10.

In	Out
10	—
15	—
18	19
14	15
12	13

- 11 and 16
- 16 and 21
- 6 and 11
- 11 and 13

11.

In	Out
3	9
2	6
—	3
6	—
5	15

- 9 and 18
- 6 and 18
- 3 and 18
- 1 and 18

12.

In	Out
2	16
1	8
4	32
—	48
—	80

- 6 and 10
- 6 and 8
- 8 and 10
- 8 and 12

13.

In	Out
—	36
7	42
—	48
3	18
4	24

- 6 and 2
- 4 and 6
- 6 and 8
- 8 and 4

14.

In	Out
—	0
2	10
4	20
6	30
8	—

- 0 and 30
- 0 and 40
- 5 and 40
- 4 and 40

15.

In	Out
1	2
3	6
5	10
—	14
—	18

- 5 and 8
- 7 and 6
- 6 and 9
- 7 and 9