

Board –ICSE	Class – 6 th	Topic – Prime and Composite Numbers
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Prime Numbers

A prime number is a number that has exactly two distinct factors: 1 and the number itself.

Examples:

- 2 → factors: 1,2
- 3 → factors: 1,3
- 5 → factors: 1,5
- 7 → factors: 1,7

Important Facts:

- 2 is the smallest and the only even prime number.
- All other even numbers are not prime because they are divisible by 2 .

Composite Numbers

A composite number is a number that has more than two factors.

Examples:

- 4 → factors: 1,2,4
- 6 → factors: 1,2,3,6
- 9 → factors: 1,3,9
- 10 → factors: 1,2,5,10

Neither Prime Nor Composite

The number 1 has only one factor (itself), so it is neither prime nor composite.

Prime Numbers from 1 to 50

2,3,5,7,11,13,17,19,23,29,31,37,41,43,47