# **4-digit Numbers**

A 4-digit number is any number that consists of four digits. These numbers are greater than or equal to 1,000 and less than 10,000. The four digits in a 4-digit number represent values in the thousands, hundreds, tens, and ones places.

#### For example:

#### 1,234 is a 4-digit number where:

- 1 is in the thousands place (1,000).
- 2 is in the hundreds place (200).
- 3 is in the tens place (30).
- 4 is in the ones place (4).

#### **How to Read 4-Digit Numbers**

To read a 4-digit number, start from the leftmost digit (thousands place) and say each place value in order:

**Example:** 2,376 is read as "Two thousand, three hundred seventy-six."

## **Expanded Form of 4-Digit Numbers**

In expanded form, we break a number into the sum of its place values.

For example, the number 4,581 can be written as:

4,000 + 500 + 80 + 1.

## **Properties of 4-Digit Numbers**

- A 4-digit number has four digits.
- The smallest 4-digit number is 1,000, and the largest is 9,999.
- The thousands place represents the largest value in a 4-digit number.
- Tens, hundreds, and ones places represent smaller values in the number.

#### Example 1

**Question:** Write the number 3,245 in expanded form.

**Solution:** The number 3,245 can be written as:

3 × 1,000 + 2 × 100 + 4 × 10 + 5 × 1

So, the expanded form is: 3,000 + 200 + 40 + 5.

**Answer:** The expanded form of 3,245 is 3,000 + 200 + 40 + 5.

#### Example 2

Question: Read the number 5,761 and write it in words.

Solution: 5,761 is read as "Five thousand, seven hundred sixty-one."

**Answer:** 5,761 is read as "Five thousand, seven hundred sixty-one."

# **Summary Points**

- A 4-digit number is a number between 1,000 and 9,999.
- To read a 4-digit number, start from the thousands place and read each place value.
- Expanded form expresses the number as the sum of its place values.
- The smallest 4-digit number is 1,000, and the largest is 9,999.