# Multiplication Table 11 to 20

#### **Understanding the Concept**

- Multiplication is repeated addition.
- A multiplication table shows what happens when we multiply a number by 1, 2, 3... up to 10.
- Tables help us solve problems quickly and easily.
- Learning tables from 11 to 20 makes it easier to work with bigger numbers.
- Regular practice helps us become faster and better at maths.

#### **Tips to Learn Tables**

• Use patterns to remember tricky tables

**Example:**  $11 \times 2 = 22$ ,  $11 \times 3 = 33$  (same digits repeated)

Break big numbers into smaller parts

**Example:**  $12 \times 6 = (10 \times 6) + (2 \times 6) = 60 + 12 = 72$ 

- Say tables out loud every day
- Practice with flashcards and games
- Write tables in your notebook daily

#### Tables from 11 to 20 (First 5 Rows Example)

| Table of 11 | Table of 12 | Table of 13 | Table of 14 | Table of 15 |
|-------------|-------------|-------------|-------------|-------------|
| 11 × 1 = 11 | 12 × 1 = 12 | 13 × 1 = 13 | 14 × 1 = 14 | 15 × 1 = 15 |
| 11 × 2 = 22 | 12 × 2 = 24 | 13 × 2 = 26 | 14 × 2 = 28 | 15 × 2 = 30 |
| 11 × 3 = 33 | 12 × 3 = 36 | 13 × 3 = 39 | 14 × 3 = 42 | 15 × 3 = 45 |
| 11 × 4 = 44 | 12 × 4 = 48 | 13 × 4 = 52 | 14 × 4 = 56 | 15 × 4 = 60 |
| 11 × 5 = 55 | 12 × 5 = 60 | 13 × 5 = 65 | 14 × 5 = 70 | 15 × 5 = 75 |

## **Examples with Solutions**

#### Example 1:

➤ What is 11 × 6?

✓ 11×6=66

#### Example 2:

➢ What is 14 × 3?

✓ 14 × 3 = 42

## Example 3:

A boy has 4 boxes. Each box has 17 chocolates. How many chocolates in total?

 $\checkmark$  17 × 4 = 68 chocolates

## Example 4:

What is the product of 16 and 5?

✓ 16 × 5 = 80

Example 5:

- A class has 6 groups. Each group has 20 pencils. How many pencils are there in all?
- ✓ 20 × 6 = 120 pencils

## **Summary Points**

- Multiplication tables are important for solving bigger number problems.
- Tables from 11 to 20 help in word problems and mental maths.
- Practice daily for speed and accuracy.
- Use patterns and tricks to remember tables easily.
- Multiplication makes maths faster and fun.