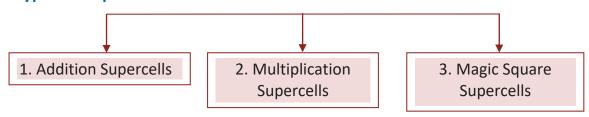
Supercells

Supercells

A Supercells are special number grids where numbers follow a certain pattern or rule.

These grids help in understanding number relationships, arithmetic operations, and logical thinking.

Types of Supercells:



- i. Addition Supercells: Numbers in the grid follow an addition pattern.
- ii. Multiplication Supercells: Numbers are related by multiplication.
- iii. Magic Square Supercells: The sum of numbers in rows, columns, and diagonals remains the same.

Example 1: Addition Supercell

Fill in the missing numbers based on the given pattern.

2	4	6	8	?
12	14	16	?	20

Solution:

- The numbers increase by 2 in each row.
- The missing numbers are 10 and 18.

Example 2: Multiplication Supercell

Find the missing number in the grid where each number is multiplied by 3.

3	6	?
12	?	18
21	24	27

Solution:

• The missing numbers are 9 and 15, following the ×3 pattern.

Example 3: Magic Square Supercell

Complete the magic square where the sum of each row, column, and diagonal is 15.

8	1	6
3	?	7
?	9	2

Solution:

• The missing numbers are 5 and 4, since all rows, columns, and diagonals must total 15.