



Pattern Formation by Addition of Consecutive Numbers

Introduction

- Consecutive numbers are numbers that come one after another like 1, 2, 3, 4...
- When we add consecutive numbers, we get interesting number patterns.
- These patterns help in understanding number relationships and improve mental math.
- The numbers can be added in pairs or in a sequence.
- Such patterns are often used in magic tricks and puzzles.

Examples with Solutions

Example: Find the sum of $1 + 2 + 3$

✓ $1 + 2 = 3$, $3 + 3 = 6$

Answer: 6

Example: Add $4 + 5$

✓ 4 and 5 are consecutive numbers

✓ $4 + 5 = 9$

Answer: 9

Example: Add three consecutive numbers: $2 + 3 + 4$

✓ $2 + 3 = 5$,

✓ $5 + 4 = 9$

Answer: 9

Example: Find the pattern: $1 + 2 = 3$, $2 + 3 = 5$, $3 + 4 = 7$, $4 + 5 = \underline{\quad}$

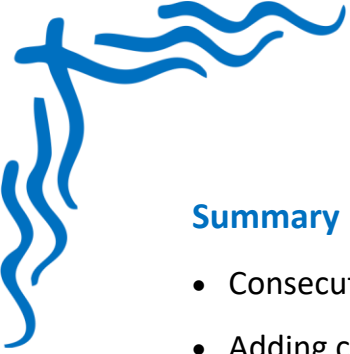
✓ Add the next pair of consecutive numbers: $4 + 5 = 9$

Answer: 9

Example: Find the sum of 5 consecutive numbers starting from 1

✓ $1 + 2 + 3 + 4 + 5 = 15$

Answer: 15



Summary Points

- Consecutive numbers follow one after another like 1, 2, 3...
- Adding consecutive numbers creates simple number patterns.
- These patterns help in learning addition quickly and spotting number tricks.
- Patterns can be used to solve sums faster without adding each time.
- Practice with such patterns builds a strong base for number operations.