Number Towers

Understanding the Number Towers

- Number towers are triangular or step-like arrangements of numbers
- Each number in the tower is often made by adding or following a pattern from the numbers below
- These help improve addition skills, observation, and logical thinking
- Number towers can grow upward or downward depending on the rule
- Some towers use sum of two numbers below to form the number above

Examples with Solutions

Example

Base: 2 and 3

Top: 2 + 3 = 5

✓ Tower:

5

2 3

Answer: Top number is 5

Example

Base: 1 and 4

Middle: 1 + 4 = 5

Top: 5 + 2 (next number) = 7

✓ Tower:

7

5 2

1 4

Answer: Top number is 7

Example

Base: 3 and 5

Top: 3 + 5 = 8

✓ Tower:

8

3 5

Answer: 8

Example

Build a 3-step tower from base numbers 2 and 6

First: 2 + 6 = 8

Now use 8 and 3 (next number) → 8 + 3 = 11

✓ Tower:

11

8 3

2 6

Answer: Top number is 11

Example

Base: 5 and 7

Middle: 5 + 7 = 12

Top: 12 + 3 = 15

✓ Tower:

15

12 3

5 7

Answer: 15

Summary Points

- Number towers use patterns to build from the base upward
- Most patterns use addition of two numbers to create the next level
- Towers help students learn how numbers grow and change
- They are useful for improving mental addition and problem-solving skills