

The Wisdom Global School

Quick Maths Trick

Count the Number of Squares and Triangles

In such puzzles, figures are divided into smaller parts. To find the total number of squares or triangles, count all the visible and hidden smaller shapes carefully. This trick improves focus and logical thinking.

1. Count the number of squares in a 3×3 grid.
2. Count the total number of triangles in an equilateral triangle divided into 4 smaller triangles.
3. A large square is divided into 4 smaller equal squares, and each of them again into 4. How many total squares are there?
4. In a triangle made up of 9 smaller triangles, how many triangles can you count in total?
5. Count all possible squares in a 4×4 grid.
6. A triangle is divided into smaller triangles by 3 horizontal lines. How many triangles are there in total?
7. A figure contains overlapping squares of different sizes. Estimate the total number of squares.
8. Count the total number of triangles in a star-shaped figure.
9. A big triangle has been divided into 16 smaller equal triangles. Find how many triangles are present.
10. In a pattern of 5 nested squares, how many squares can you count including all sizes?