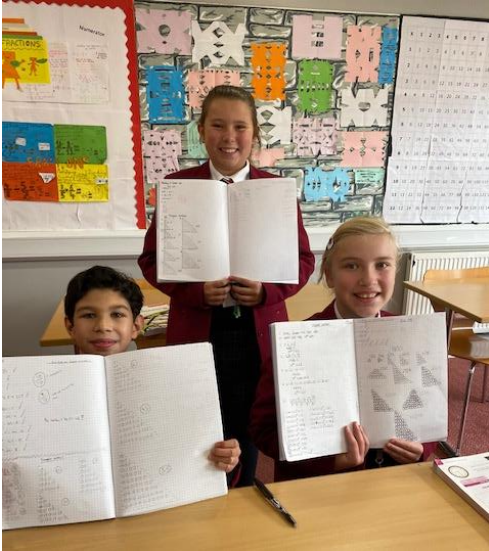


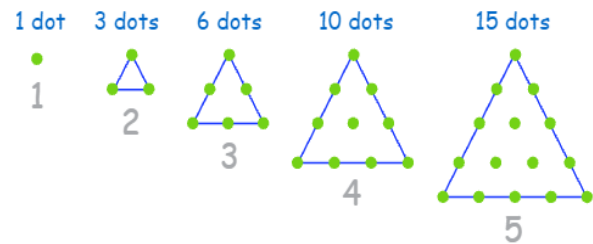
Upper 3 – why be a square when you can be a triangle!



This is the Triangular Number Sequence:

1, 3, 6, 10, 15, 21, 28, 36, 45, ...

It is simply the number of dots in each **triangular pattern**:



The Pythagoreans developed relationships between geometric shapes and numbers. Upper 3 did a fabulous job learning their square numbers for a quiz in class. These numbers are special sequences of numbers that are linked to the property of the shape they are named after.

A square number relates to the area of a square.

Triangular numbers are figurate numbers because they represent counting numbers as a geometric configuration of equally spaced points.

Mrs Nicola Kelly