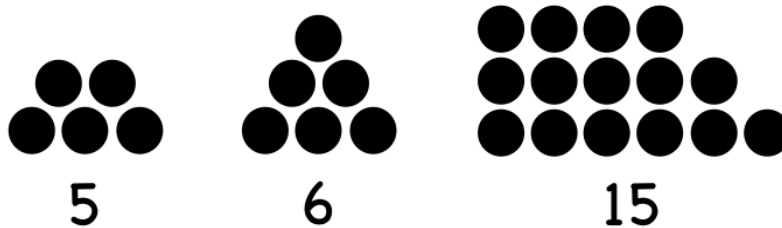


# Puzzle of the Week

## Trapezoidal Numbers – 2

**Trapezoidal Numbers** are the sum of two or more consecutive numbers. They deserve their name because you can make a trapezoid with that many dots, as pictured in the examples below. Note that having 1 dot on the top row is stretching the idea of being a trapezoid a bit, but it is allowed for these numbers.



**THE CHALLENGE:** 100 is a Square Number and a Trapezoidal Number. Find a group of consecutive numbers that add up to 100.

$$100 = \text{trapezoid}$$

**EXPLORATION:** Can you find other ways of adding up consecutive numbers to get a sum of 100?