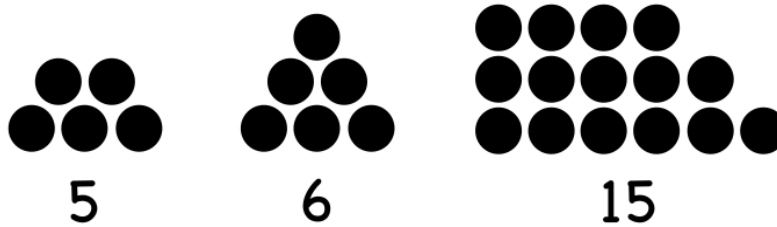


# Puzzle of the Week

## Trapezoidal Numbers – 1

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**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:** Show that every odd number is a Trapezoidal Number.



**EXPLORATION:** Can you find some even numbers that are Trapezoidal Numbers? Can you find some that aren't?