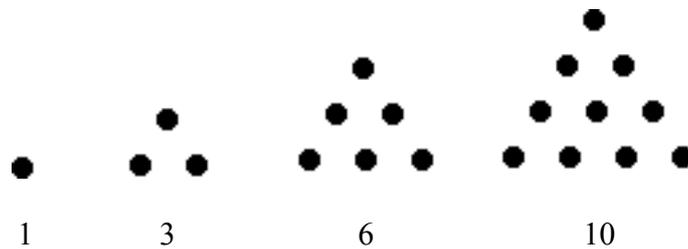


Triangular Numbers

A triangle is a flat shape with three straight sides and three angles. The three angles of a triangle add up to _____°

A triangular number can be shown by a triangle of dots:



1 is counted as a triangular number, then 3, 6, 10, 15, 21 and so on.

- 1) Draw dots (as above) to represent the triangular numbers from 1 up to 55.
Write the triangular number underneath each triangle.
- 2) For each triangular number, work out how much has been added to the previous triangular number, eg. $1 + 2 = 3$; $3 + 3 = 6$
- 3) Can you identify a pattern?