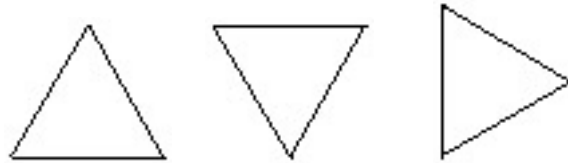


Angles with Pattern Blocks

Activity 2. The Equilateral Triangle

An equilateral triangle has three equal sides and three equal angles.

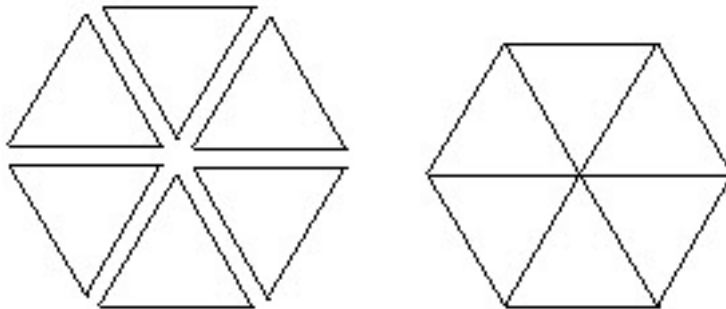


Equilateral triangles

In the same way, we can fit six equilateral triangles around a point.

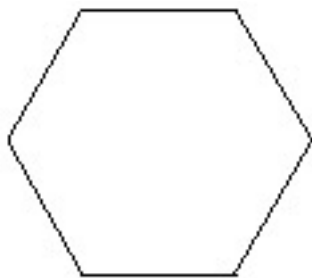
What is the size of the angles in an equilateral triangle?

Justify your answer.

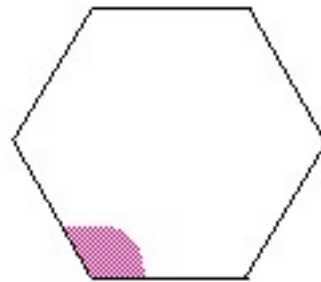


Activity 3. The Regular Hexagon

A regular hexagon has six equal sides and six equal angles.



Regular hexagon



One angle of the hexagon

How many regular hexagons can you fit around a point?

What is the measure of the angles of the regular hexagon?

Justify your answer.

Relation with the Equilateral Triangle

Describe how you can use two equilateral triangles to determine in a different way the size of the angles of a regular hexagon.