Angles in Polygons

Internal Angles

Angles in a triangle add up to 180°

Angles in a quadrilateral add up to 360°
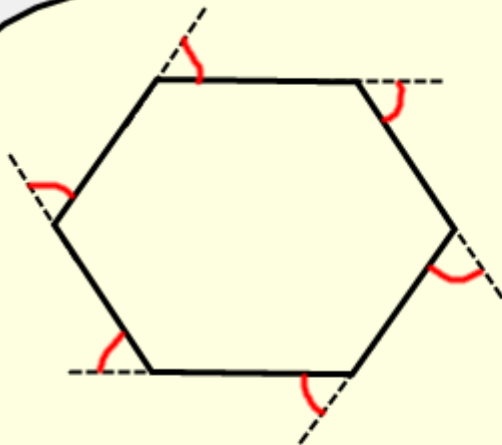
Angles in a pentagon add up to 540°

Can you see a pattern?

Angles in a hexagon add up to 720°

External angles are the angles outside the shape

External angles ALWAYS add up to 360°

In regular shapes all angles are equal. So in a regular hexagon all external angles = 60° (360° ÷ 6)