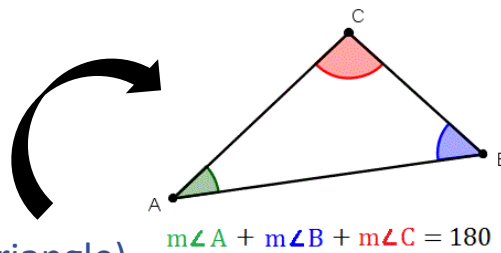


Interior Angles

(triangle/polygon angle sum theorem)

-Triangle sum theorem: The sum of the three angles in any triangle sum to 180 degrees.



(formula for the triangle)

-Polygon Sum Theorem: The sum of the number of angles a polygon has, will depend on its total degrees.

Number of Sides	Polygon Name	Number of Triangles Formed	Interior Angle Sum Measure
3	Triangle	1	180°
4	Quadrilateral	2	360°
5	Pentagon	3	540°
6	Hexagon	4	720°
7	Heptagon	5	900°
⋮	⋮	⋮	⋮
n	n -gon	$(n - 2)$	$(n - 2) \cdot 180^\circ$



(formula for the polygon)

-Real life use of polygons



-Real life use of triangle

