

# Interior Angles of Polygons

Formula: Sum of Interior Angles =  $(n - 2) \times 180^\circ$

Sides (n)	Polygon Name	No. of Interior Angles	Sum of Interior Angles
1	Monogon	1	-180°
2	Digon	2	0°
3	Triangle	3	180°
4	Quadrilateral	4	360°
5	Pentagon	5	540°
6	Hexagon	6	720°
7	Heptagon	7	900°
8	Octagon	8	1080°
9	Nonagon	9	1260°
10	Decagon	10	1440°

Note: Monogon and Digon are theoretical polygons. Practical geometry begins at the Triangle (3 sides).