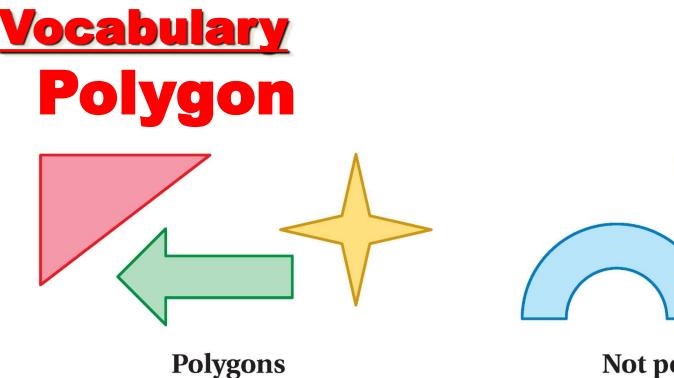
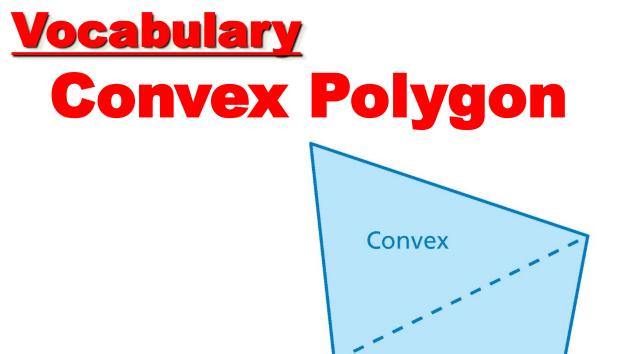


ANGLES OF POLYGONS



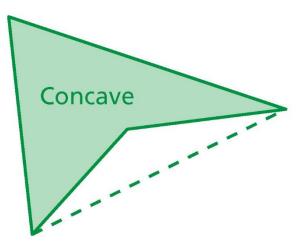






A polygon in which you can connect any two vertices ______ the polygon.





A polygon in which you can connect at least one pair of vertices <u>outside</u> the polygon.

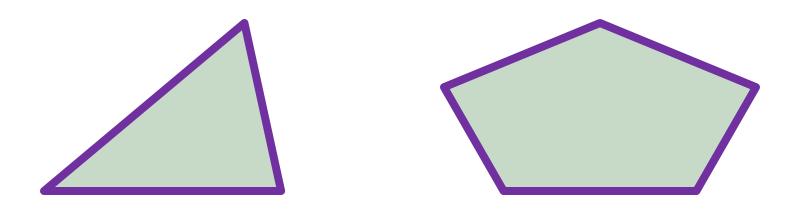


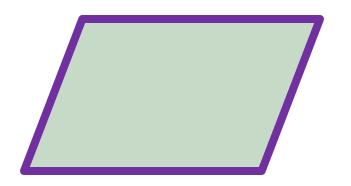
Equilateral Polygon A polygon with all

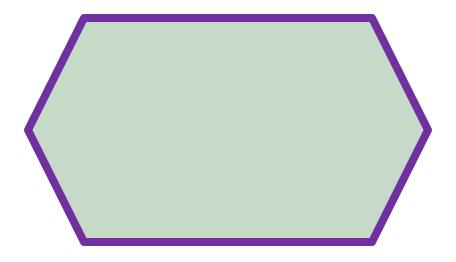
Equiangular Polygon A polygon with all

Regular PolygonA polygon with all _____ and

How do we figure out the sum of the angles in any polygon?

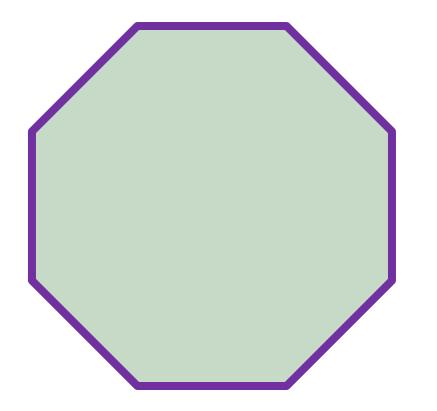




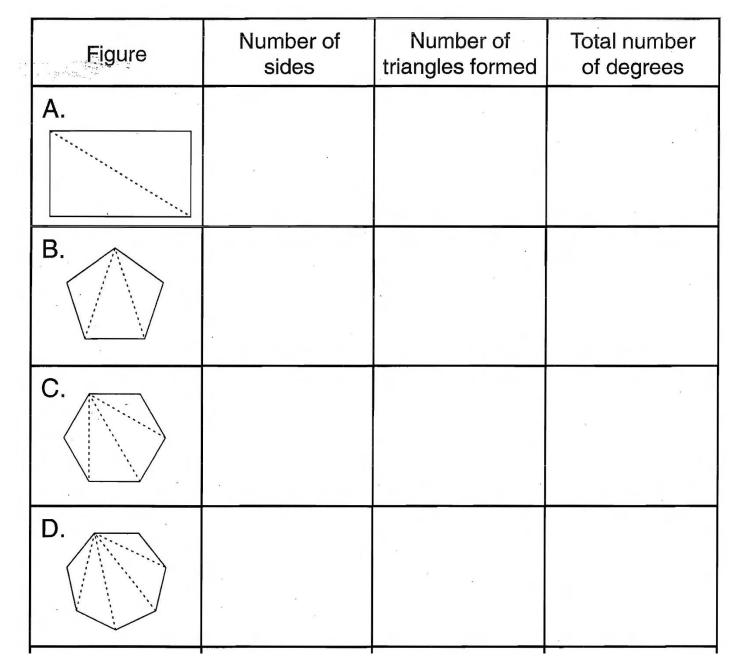


POLYGON INTERIOR ANGLES SUM

The formula to figure the sum of all the angles in a polygon with *n* sides is:

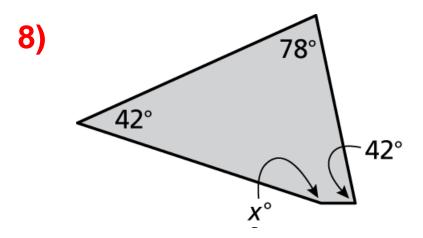


Complete the following:

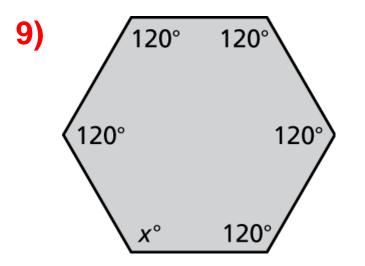


7)

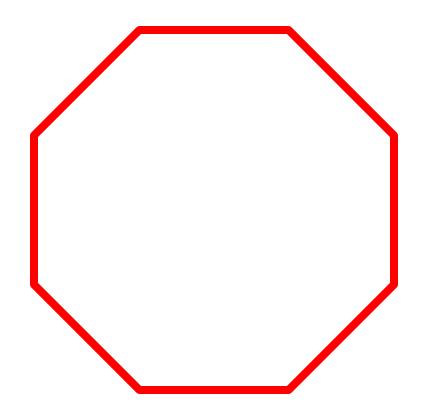
Find the measures of the interior angles algebraically.

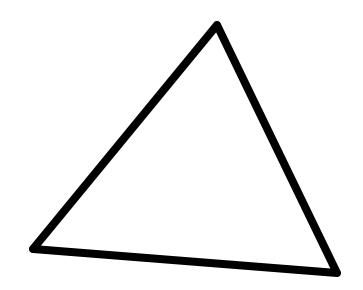


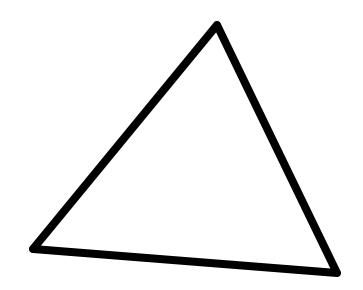
Find the measures of the interior angles algebraically.

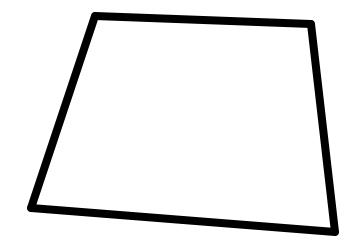


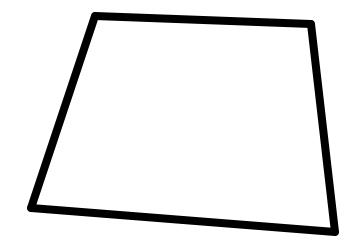
10) A stop sign is in the shape of a regular octagon. What is the measure of each interior angle?





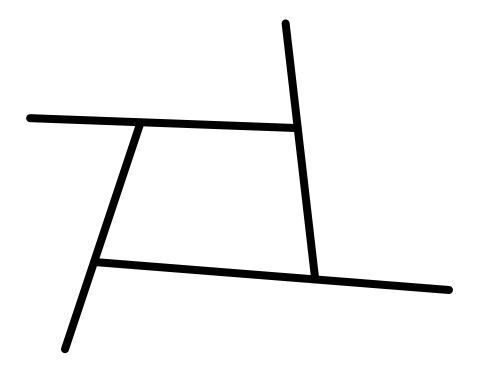




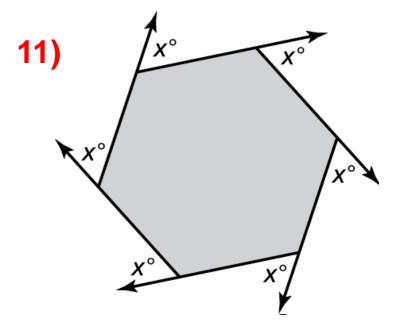


POLYGON EXTERIOR ANGLES SUM

The sum of all the exteriors angles in a polygon is _____.



Find the measures of the exterior angles of the polygon.



Find the measures of the exterior angles of the polygon.

