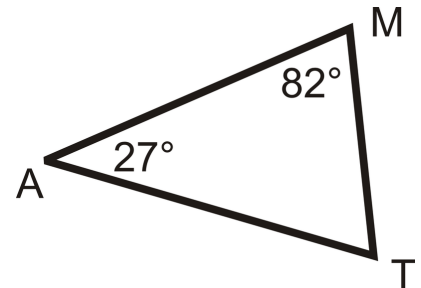
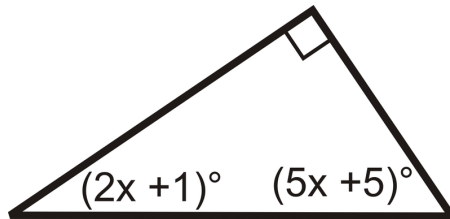
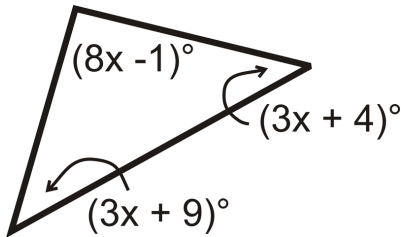


Polygons Graphic Organizer

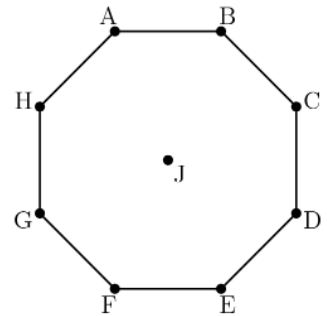
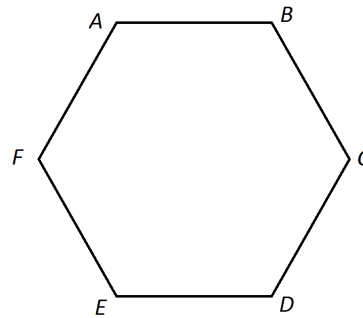
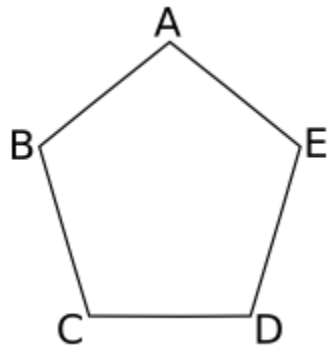
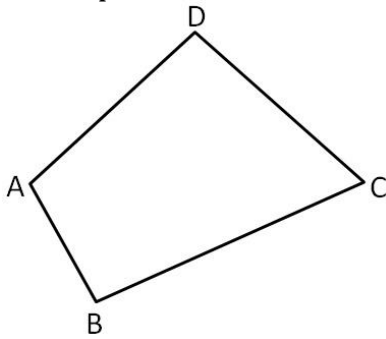
Activity: Given groups of two and a cut out of a triangle, tear off two corners of the triangle and arrange them to find a conclusion.

Triangle Angle Sum Theorem:

Solve for x or missing angle:



Activity: Choose a vertex of the polygon and draw as many non-overlapping diagonals as possible. Now count the number of triangles inside the polygon.



Draw a conclusion:

Formula:

Activity: Same groups of two tear off all the corners of your polygon and arrange them to make a conclusion.

Polygons Graphic Organizer

Complete the table

Name of Polygon	No. of sides	No. of triangles	Sum of interior angles	Interior Angle	Exterior angle	Sum of exterior angles

Practice Problems

