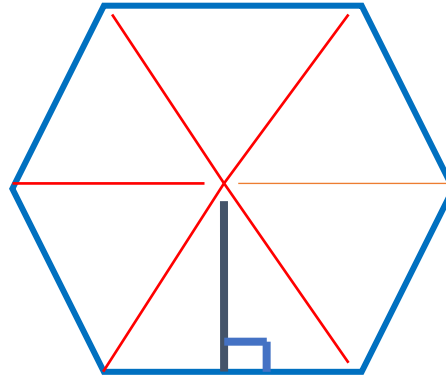


Areas – Polygons

Drawing an altitude for a triangle, the Δ 's are \cong , \therefore the area of Δ 's is =.

The distance from the center of a polygon to the side is called the **apothem** - height of the Δ .



a – apothem
 p – perimeter

$$A = \frac{1}{2}ap$$