Area of Regular Polygons
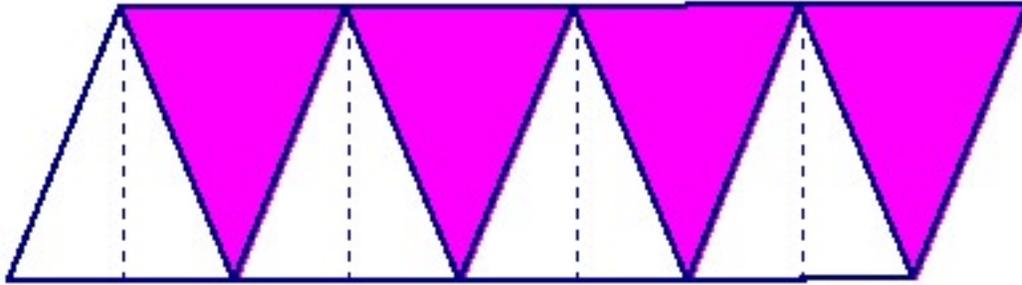

c) Compare the length of the base of the parallelogram with the perimeter of the original polygon.
d) Write an expression for the base of the parallelogram in terms of the perimeter of the polygon.
e) Compare the height of the parallelogram with the apothem of the original polygon.
f) *What is the area of the parallelogram compared with the area of the polygon?*
g) Write an expression for the area of the parallelogram in terms of the perimeter and the apothem.
h) Write an expression for the area of the original polygon in terms of the perimeter and the apothem.

Materials
Cut the triangles along the solid lines.