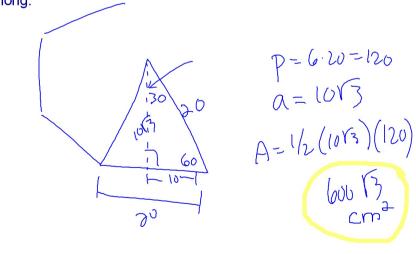
Area of a regular polygon = $\frac{1}{2}ap$

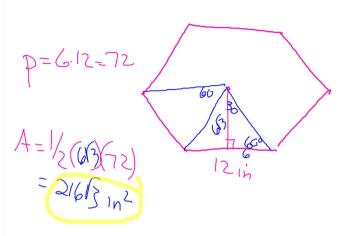
a length of the apothem

p = perimeter of the polygon

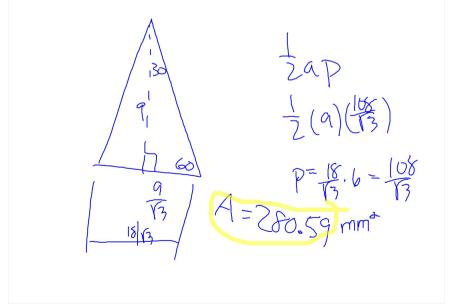
Find the exact area of a regular hexagon with radius 20 cm long.



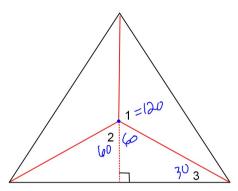
Find the exact area of a regular hexagon whose sides are 12 in long.



Find the area of a regular hexagon with an apothem 9 mm long.

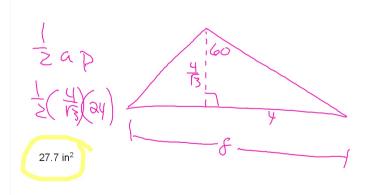


Find the measure of each numbered angle in this regular triangle (Equilateral Triangle)



Find the area of an equilateral triangle whose sides are 8in long.

6 We answer to nearest tenth.



Find the exact area of an equilateral triangle whose apothem is 20cm long.

