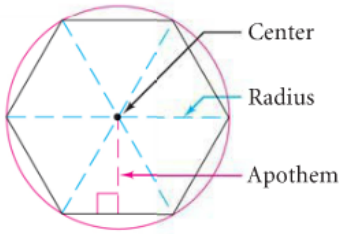
Section 10.3: Area of Regular Polygons

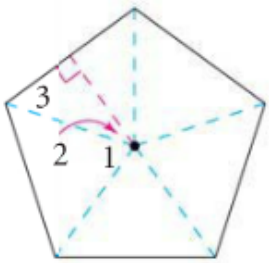
Quick check... what do we mean by a regular polygon???

Radius:

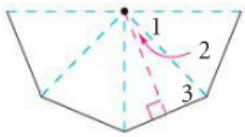


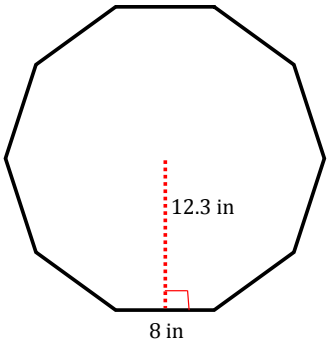
Apothem:

Finding Angle Measures

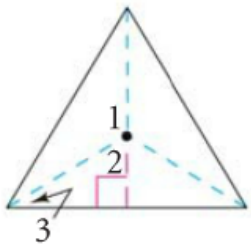


At the right, a portion of a regular octagon has radii and an apothem drawn. Find the measure of each numbered angle.

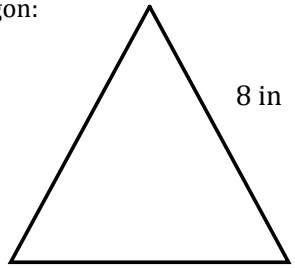


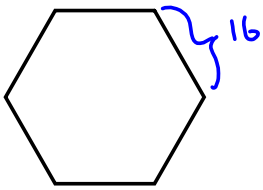


Find the measure of the numbered angles



Find the area of the regular polygon:



Now You Try...

Find the Area of the regular Hexagon