

**Lesson on More on Archimedes and PI  
Note to Teachers**

**Grade Level** - 7th grade enriched and 8th grade.

**Approximate time** - 35 minutes, depending on level.

**Skills practiced** - quadrilateral vocabulary, circumference of circles, and number theory.

**NYS Standards covered** - Operations, Number and Numeration, Measurement, Patterns and Functions, and Mathematical Reasoning.

**Note:** This is a good short internet lesson to do after the Lesson on PI. The lesson could be followed with some pencil and paper examples of polygons inscribed and circumscribed around various circles to have students find the perimeter of the polygons and compute some PI approximations. The words “inscribed” and “circumscribed” should be taught before this lesson.