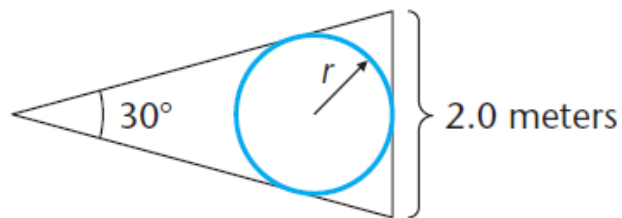


Fall 2011
Precalculus
Project A

This project includes 2 parts. A 10 min class presentation, using powerpoint or overhead which is worth 50 percent of your grade, and a written report which is worth 50 percent of your grade.

1. Find the exact value of r so that the circle is tangent to all three sides of the isosceles triangle. [Hint: The radius of a circle is perpendicular to a tangent line at the point of tangency.]



2. Find the exact value of r so that the smaller circle is tangent to the larger circle and the two sides of the angle

