

TECH 1521 – Graphics and Descriptive Geometry

Lab – Using Existing Geometry with Precision

Name: _____

Date: _____

Fill in the blanks:

Now that the circle is tangent to the two lines, tell me the distance from the CENTER of the circle to point C (the vertex of the angle). _____

Draw a circle with a 1.00" radius that is tangent to the circles labeled "X" and "Y." Draw a triangle that will enclose all three circles (see fig. I). Tell me the lengths of the three legs of your triangle. _____, _____, _____.