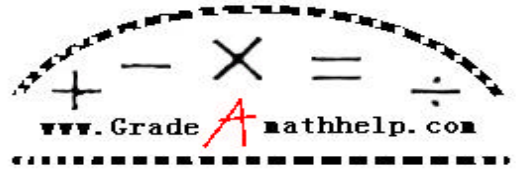


NAME _____

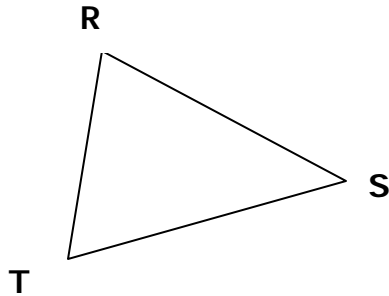
Date _____ Period _____



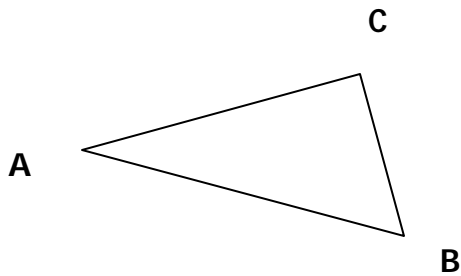
Special Triangles & Circles: Practice A

Directions: Use your notes from the video to help you solve the following problems...

1. Sketch the perpendicular bisectors of the figure below:



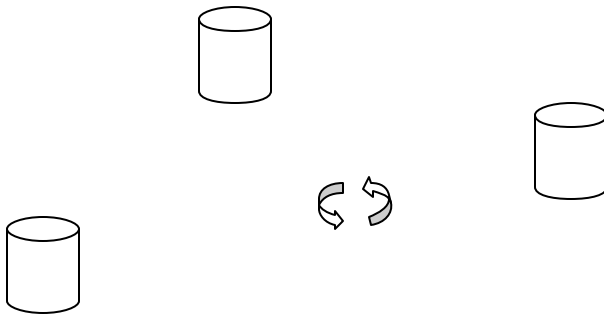
2. Sketch the circumscribed circle of the figure below. What is the center of that circle called?



3. Fill in the following table.

Intersecting Lines	Type of Circle Formed	Name of Center
Perpendicular Bisectors		
Angle Bisectors		

4. Take a look at the diagram below. There are three trash cans set up in the park, and the ranger wants to eliminate some of the trash. To do so, he decides to promote recycling. Unfortunately, he only has one recycling bin that he can put up. Help him to find the best place for the recycling bin – the place that is equidistant from the 3 trash cans. Make sure to explain your reasoning using numbers, mathematical symbols, or both.



5. Look at the curve (part of a circle) shown below. How can you find the rest of the circle by connecting three points on the curve as a triangle?

