

Geometry Warm-up

1. List all the area formulas you know for a triangle.
 - For brevity and lack of a better variable, use K to represent the area
 - Use the variables a, b, c for side lengths
 - Use the variables A, B, C for angles
 - Use the variable $s = \frac{a+b+c}{2}$ for the semiperimeter ($\frac{a+b+c}{2}$)
 - Use the variable r for the inradius
 - Use the variable R for the circumradius

2. What are the law of sines and cosines?

3. List all similarity and congruence conditions (sometimes called theorems)