**Shapes and Designs Investigation 1 Summative Review**

I canuse facts about supplementary, complementary, vertical, and adjacent angles in a multi-step problem to write and solve simple equations for an unknown angle in a figure. (CC7.G.5)

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_ Period: \_\_\_\_\_ Score:\_\_\_\_\_\_\_



1.

Explain how you know you made an accurate estimate.

4. Estimate the measure of each angle in degrees. **Name each type of angle and give your estimate.**



5. What is a polygon? Draw two examples.

6. Snowboarders use angle measures to describe their flips and spins. Explain what a snowboarder would mean by completing a 540.

7.

How do you know?



8.

How do you know?

There will be a portion of the test that requires you to find the exact measure of angles. Make sure you know how to use an angle ruler or protractor.