Image Tool
Exploration Questions

1. Select the NC / SC Map as the image and angle as the type of measurement. What is the angle between Durham and Wilmington with the point of the angle at Columbia?

2. Now select distance as the measurement type. How far, in units based on the default scale factor, would you drive if you went from Asheville to New Bern with a stop in Henderson? How does this convert to miles based on the scale on the map?

3. Switch the image to the clock face and choose angle as the type of measurement. What is the angle between 3 o'clock and 7 o'clock with a point where the two hands of the clock meet?

4. Now select the Downtown Durham image and area as the type of measurement. What is the area of the block between Gregson St, Trinity Ave, Buchanan Blvd, and Club Blvd?

5. Change the measurement type to distance. Use this tool to measure the length and width of the rectangle that you measured in question four. Record those values and using your knowledge of area, calculate the area based on the length and width. Is it the same as the answer in question four?