Name: _____

Date: _____

Larger Circles

Use a compass to draw a circle. Measure the diameter, and then draw a circle with a diameter that's twice as long as the first one.

Make a prediction: do you think the circumference of the larger circle is twice as long as the smaller circle? Why do you think that?

Test your predicition: Measure or calculate the circumference of each circle, and compare your results to your prediction.

Challenge: Use algebraic reasoning to show how the sizes of the two circumferences are related.

Show your work, and write your answer in a complete sentence.