

Name _____

Date _____



Exploring “Pumpkin Pi”



The distance around a circle is called its **circumference**. Circumference is the perimeter of a circle. The **diameter** of a circle is the measurement directly across the center of a circle.

You will be measuring the circumference and the diameter of various circles and recording them in the chart below in order to learn about the relationship between the two measurements. Use your tape measure to measure the circumference of our pumpkins and our pie tins. Make sure to measure diameter directly through the center of your objects.

Circle ID	Diameter (cm)	Circumference (cm)

What do you notice about the diameter and circumference measurements in relation to each other? Is there are pattern? Discuss what you notice with your partner.