

# Exploring Circumference & Diameter

**Goal:** Investigate the relationship between diameter and circumference of a circle.

Using textbook pages 154 - 155 complete the following table.

Diameter (cm)	Predicted Circumference (cm)	Measured Circumference (cm)
4		
6		
8		

1. What do you notice when you compare the diameter with the circumference?

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2. The diameter of Sheree and Reilly's school logo is 12 m. About how long is its circumference?

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## **Reflecting Questions**

1. Why is measuring the diameter of a circle easier than measuring the circumference?

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2. If you know the diameter of a circle, how can you predict its circumference?

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