

MathFLIX CHALLENGE

Discovering PI

Complete this chart and graph the results below. Do you see a relationship between the diameter and the circumference of an object?



circumference (cm)	7.54	_____	_____	_____
diameter (cm)	2.40	_____	_____	_____
$\frac{\text{circumference}}{\text{diameter}}$	3.14	_____	_____	_____

Graphing PI

Now plot the diameter and circumference measurements on this graph. Can you see a relationship between them? Try measuring a few more circles to be sure you have enough data points.

