03/13/2025 - Circles

Partial Review of Unit 7 for Grade 7 Math (7R) – Fun theme: Pi Day Questions to follow along with show. Watch: Math Homework Hotline

1)	Describe the following terms when referring to a circle. (MA.7.GR.1.3) a) Radius and diameter	2)	Describe the relationship between the circumference and diameter of a circle. (MA.7.GR.1.3)
	b) Circumference and area		
3)	A circular magnet has a diameter of 1.5 inches. What is the circumference of the magnet? (MA.7.GR.1.3) a) Use 3.14 for π .	4)	A toy car has a tire rim with a radius of 3.8 centimeters. What is the circumference of the tire rim? (MA.7.GR.1.3) a) Use 3.14 for π .
	b) In terms of pi.		b) In terms of pi.
5)	A circular magnet has a diameter of 1.5 inches. What is the area of the magnet? Use 3.14 for π. Round to the nearest tenths, if necessary. (MA.7.GR.1.3)	6)	For a math project, you are using a circle with a radius of 10 feet and need to paint each slice numbered 2 in purple as shown. What area of the circle will be painted purple? Use 3.14 for π . Round to the nearest hundredths, if necessary. (MA.7.GR.1.4)

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