

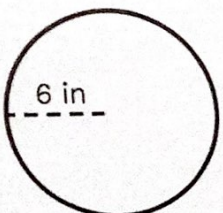
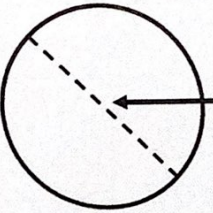
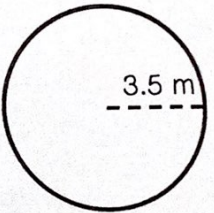
CIRCUMFERENCE

- The circumference of a circle is the distance around the circle. It can be found using two formulas:

_____ or _____

- π can be approximated to _____

Using the diameter and radii given below, find the circumference of the circles.

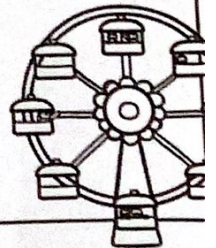
CIRCLE 1	CIRCLE 2	CIRCLE 3
 <p>6 in</p>	 <p>14 cm</p>	 <p>3.5 m</p>
Formula: _____	Formula: _____	Formula: _____
Plug in Values: _____	Plug in Values: _____	Plug in Values: _____
In terms of π : _____	In terms of π : _____	In terms of π : _____
Circumference: _____	Circumference: _____	Circumference: _____

Use your knowledge of circumference and circles to answer question 1.

1. A Ferris wheel travels in a circular motion and measures 40 meters from the top car to the bottom car.

- What is the length of the radius of the Ferris wheel?
- What is the length of the diameter of the Ferris wheel?
- A car travels one time around the Ferris wheel. How many meters did the car travel?

d. On another Ferris wheel, a car will travel 100.48 meters to go once around the wheel. What is the height from the top car to the bottom car?



Summarize today's lesson: