

## Concept CW\_Grade-7\_Perimeter and Area

### Problems on Area and Circumference of a Circle

Calculate the perimeter of a circular flower garden whose radius is 10 m.

The circumference of a circle is 440 yards. Find the diameter and radius of the circle.

The diameter of the wheels of a bicycle is 100 cm. How many revolutions will each wheel make to travel a distance of 157 meters?

A piece of a wire in the form of a rectangle of length 100 cm and width 50 cm is cut and folded to make a circle. Calculate the circumference and radius of the circle formed.

The radius of each wheel of a motorcycle is 0.85 m. How far will the motorcycle move if each wheel takes 1000 revolutions? Assume the motorcycle is moving on a straight line.