

## Perimeter and Area

## Topic: Area of Circle

Name: Date: 

1. Find the circumference of the circle whose radius is 14cm

 cm

2. Find the circumference of the circle whose radius is 10m

 m

3. Find the circumference of the circle whose radius is 4km

 km

4. The ratio of the radii of two circles is 3: 2. What is the ratio of their circumferences?

5. A wire in the form of a rectangle 18.7 cm long and 14.3 cm wide is reshaped and bent into the form of a circle. Find the radius of the circle so formed.

 cm

6. A piece of wire is bent in the shape of an equilateral triangle of each side 6.6 cm. It is re-bent to form a circular ring. What is the diameter of the ring?

 cm

7. A water sprinkler in a lawn sprays water as far as 7 m in all directions. Find the length of the outer edge of wet grass.

 m

8. Find the area of a circle whose radius is 7cm.

  $\text{cm}^2$ 

9. Find the area of a circle whose radius is 2.1m.

  $\text{m}^2$ 

10. Find the area of a circle whose radius is 7km

  $\text{km}^2$ 