

Name \_\_\_\_\_

# Radius & Diameter

Circle the correct option.

- 1) If the circumference of the circle is  $25\pi$  cm.  
What is the diameter of the circle?  
a) 25 cm      b) 12 cm      c) 30 cm      d) 45 cm
- 2) If the circumference of a bicycle wheel is  $10\pi$  in.  
What is the radius of the wheel?  
a) 10 in      b) 5 in      c) 20 in      d) 40 in
- 3) A wire of length  $30\pi$  cm is bent to form a circle.  
What is the diameter of the circle?  
a) 35 cm      b) 25 cm      c) 30 cm      d) 15 cm
- 4) If the area of the circle is  $36\pi$  cm<sup>2</sup>. What is the  
radius of the circle?  
a) 6 cm      b) 12 cm      c) 36 cm      d) 24 cm
- 5) If the area of the circle is  $64\pi$  cm<sup>2</sup>. What is the  
diameter of the circle?  
a) 8 cm      b) 64 cm      c) 16 cm      d) 32 cm
- 6) A rope of length  $10\pi$  cm is bent to form a circle.  
What is the area of the circle?  
a)  $10\pi$  cm<sup>2</sup>      b)  $20\pi$  cm<sup>2</sup>      c)  $25\pi$  cm<sup>2</sup>      d)  $30\pi$  cm<sup>2</sup>