

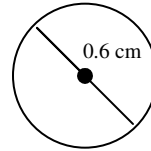
Name \_\_\_\_\_

Homework # \_\_\_\_\_

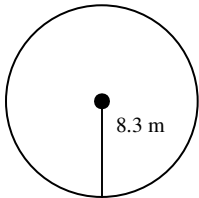
## Area of Circles

1. Find the area of a circle with a diameter of 12 yards. Leave your answer in terms of  $\pi$ .

4. Find the area of the given circle. Use the pi key on your calculator and round to the nearest tenth.



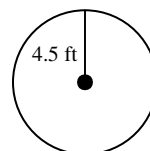
2. Find the area of the given circle. Leave your answer in terms of  $\pi$ .



5. Find the area of a circle with a diameter of 5 meters. Use the pi key on your calculator and round to the nearest tenth.

3. Find the area of a circle with a radius of 5 inches. Leave your answer in terms of  $\pi$ .

6. Find the area of the given circle. Use the pi key on your calculator and round to the nearest tenth.



7. What is the radius to the nearest inch of a circle with an area of 28.27 square inches?

8. Find the area of a circle that has a circumference of  $8\pi$ . Round to the nearest hundredth.