

Circumference and Area of a Circle

#68

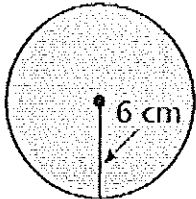
Formula for Circumference of a Circle, and when to use it:	Formula for Area of a Circle, and when to use it:

r =

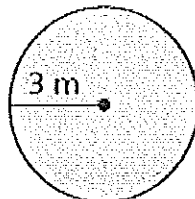
d =

Find the circumference and area of each circle below:

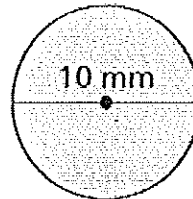
1.



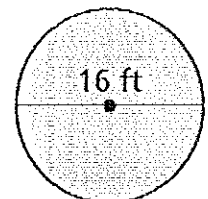
2.



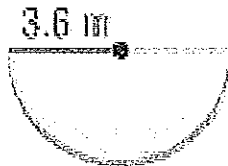
3.



4.



5. Find the area of the semi-circle shown:



6. A 360° rotating sprinkler that sprays water at a radius of 11 feet is used to water a lawn. What is the area of the lawn that is watered by this sprinkler?

7. The diameter of a bike wheel is 2 ft. How far will the bike go in one rotation of the wheel?

8. Brixx makes 10'' pizzas (that is the diameter). What is the area of a Brixx pizza?