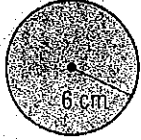
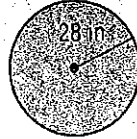


Find the area of each circle. Round to the nearest tenth. Use 3.14 or  $\frac{22}{7}$  for  $\pi$ .

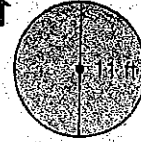
1.



2.



3.



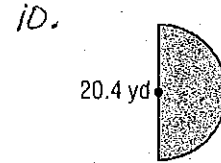
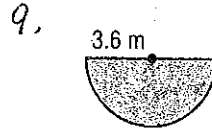
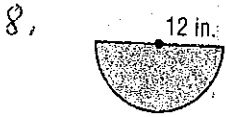
4. diameter = 10.5 in.

5. radius = 6.3 mm

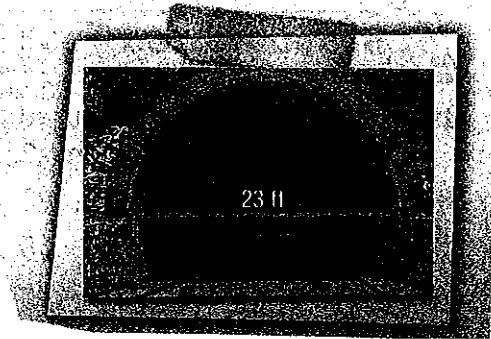
6. radius =  $3\frac{1}{4}$  yd


7. A rotating sprinkler that sprays water at a radius of 11 feet is used to water a lawn. Find the area of the lawn that is watered. Use 3.14 for  $\pi$ .

Find the area of each semicircle. Round to the nearest tenth.  
Use 3.14 for  $\pi$ .



11. The tunnel opening shown is a semicircle. Find the area, to the nearest tenth, of the opening of the tunnel enclosed by the semicircle.



12.  **Justify Conclusions** Harry's Pizzeria is having a sale on medium and large pizzas. Medium pizzas are 10 inches in diameter and cost \$7.99. Large pizzas are 14 inches in diameter and cost \$14.99. Which size pizza is the better deal? Explain. (*Hint:* Find the cost per square inch of each pizza.)