HW

Find the diameter of the circle.



**13.** A circular ink spot has a circumference of 25.12 millimeters. A minute later, it has a circumference of 75.63 millimeters.

4 in.-

- **a.** Estimate the diameter of the ink spot each minute.
- **b.** How many times greater is the diameter of the ink spot compared to the previous minute?
- **14.** You are enclosing a circular flower garden with a fence that costs \$2.99 per foot. The radius of the garden is 7 feet. How much will it cost to buy the

fence? 
$$\left( \text{Use } \frac{22}{7} \text{ for } \pi. \right)$$

22 mm

**15.** Find the perimeter of the semicircular tabletop shown at the right.



10 yd