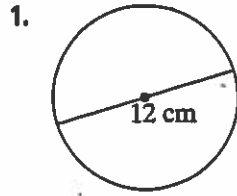
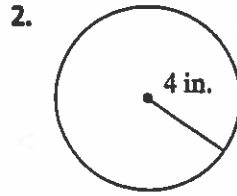


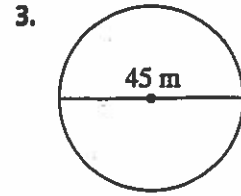
Practice 7-7

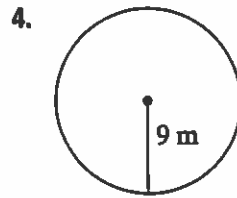
Circumference and Area of a Circle

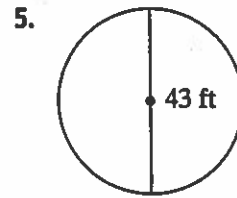
Find the circumference and area of each circle. Round to the nearest hundredth.

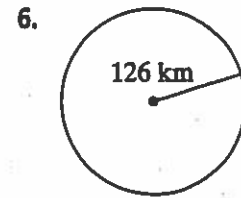












Find the circumference of a circle with the given diameter or radius. Use $\frac{22}{7}$ for π .

7. $d = 70$ cm

8. $r = 14$ cm

9. $d = 35$ in.

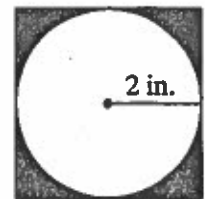
Find the radius and the diameter of a circle with the given circumference. Round to the nearest hundredth.

10. $C = 68$ cm

11. $C = 150$ m

12. $C = 218$ in.

13. Use the figure at the right. Find the area of the shaded region. Round your answer to the nearest hundredth.



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Puzzle 7-7

Circumference and Area of a Circle

Complete the chart below for the circles described. Use 3.14 for π .

Diameter	Circumference	Area
9 cm	1. _____ cm	2. _____ cm ²
20 cm	3. _____ cm	4. _____ cm ²
5. _____ cm	94.2 cm	706.5 cm ²
18 cm	6. _____ cm	254.34 cm ²

