

5. The area of a heptagon is 84 cm^2 and its apothem measures 4 cm. What is the perimeter of the hexagon?

6. What is the circumference of a circle with a diameter of 6 cm?

7. What is the circumference of a circle with a radius of 5 cm?

8. What is the area of a circle with a radius of 11 m?

9. What is the area of a circle with a diameter of 16 cm?

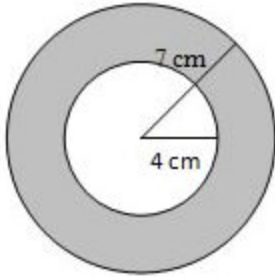
10. What is the area of a circle whose circumference is $12\pi \text{ cm}$?

11. What is the circumference of a circle whose area is $49\pi \text{ cm}^2$?

12. What is the diameter of a circle whose area is $144\pi \text{ cm}^2$?
13. What is the area of the sector with radius 5 cm and central angle of 30 degrees?
14. What is the sum of the angles in a icosagon?
15. Convert each of the following measures :
- a) $600 \text{ m} = \underline{\hspace{2cm}} \text{ km}$
- b) $2.56 \text{ dm} = \underline{\hspace{2cm}} \text{ dam}$
- c) $1.4 \text{ km}^2 = \underline{\hspace{2cm}} \text{ cm}^2$
- d) $0.0000613 \text{ km}^2 = \underline{\hspace{2cm}} \text{ cm}^2$
- e) $56932 \text{ cm}^2 = \underline{\hspace{2cm}} \text{ m}^2$
16. A sector has an area of $3\pi \text{ cm}^2$ and a central angle of 30 degrees.. What is the measure of the radius?

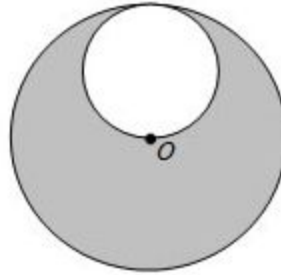
17. Find the area of each shaded region:

a)



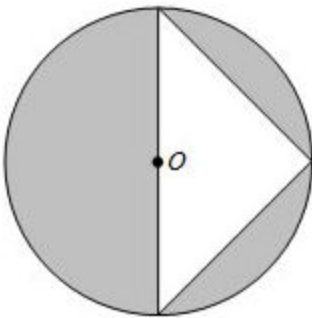
b)

Big circle has a radius of 16 cm



c)

Diameter of 12 cm

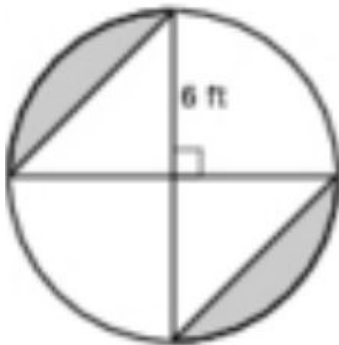


d)

omit

e)

Radius = 6 ft



f)

Diameter of small circle = 8 cm

