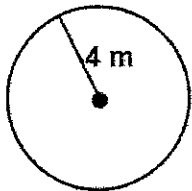


Review – Area, Circumference, Arc Length, and Sector Area

Questions 1-2, find the Circumference and Area of each Circle.

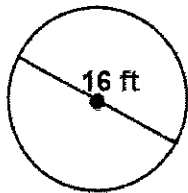
1.



Circumference:

Area:

2.



Circumference:

Area:

Formulas

$$\text{Area of Sector} = \frac{\pi r^2 \theta}{360}$$

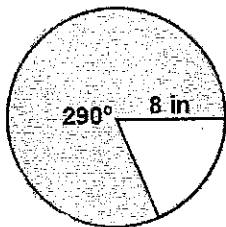
$$\text{Arc Length} = \frac{2\pi r \theta}{360}$$

$$C = \pi d \text{ or } C = 2\pi r$$

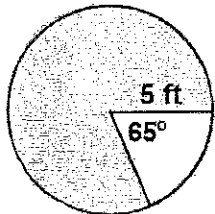
$$A = \pi r^2$$

Find the length of the arc for the Shaded region:

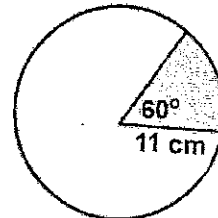
3.



4.

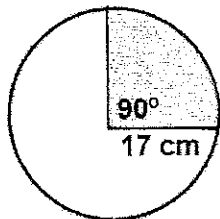


5.

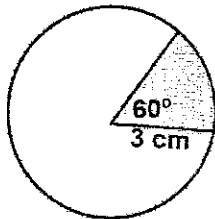


Find the Area of the Shaded Region:

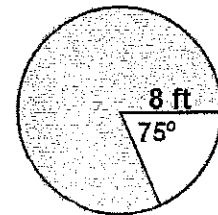
6.



7.



8.



Working Backwards:

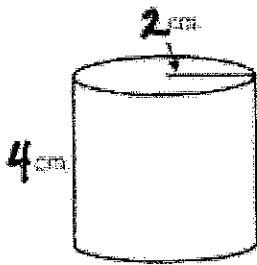
Find the radius of a circle given the circumference is 32π cm.

10. Find the radius of a circle given Area is 120π in².

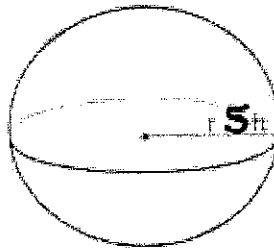
Review - Find the volume of each of the following:

Name: _____

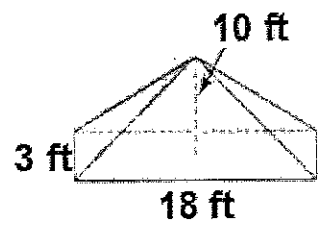
1.



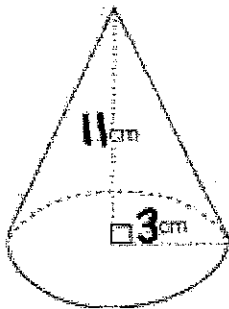
2.



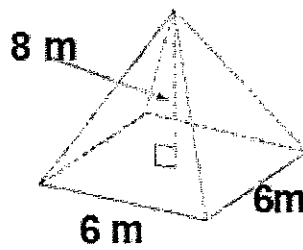
3.



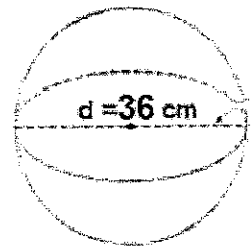
4.



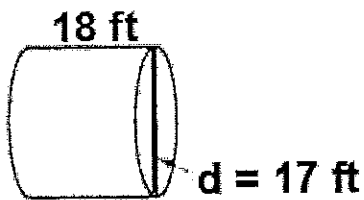
5.



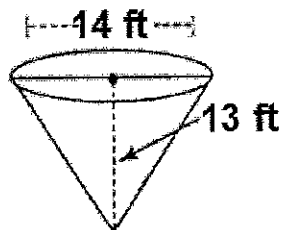
6.



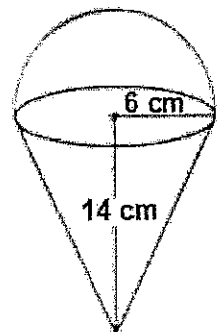
7.



8.



9.



10. Find the volume of the empty space:

