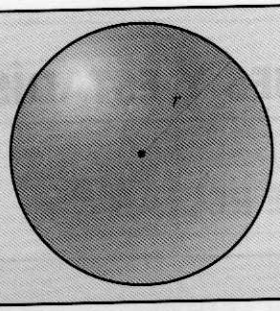
Esferas

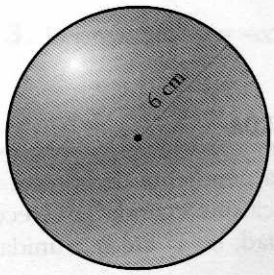
El volumen de una esfera de radio r es:

$$V = \frac{4}{3}\pi r^3$$



Ejercicio resuelto

Hallar el volumen de la siguiente esfera:



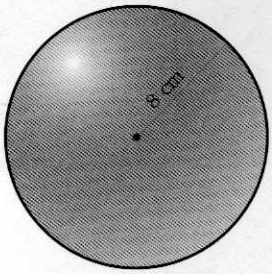
$$V = \frac{4}{3}\pi \cdot 6^3 = \frac{4}{3} \cdot 3{,}14 \cdot 6^3 =$$

$$= \frac{4}{3} \cdot 3{,}14 \cdot 216 = 904{,}32$$

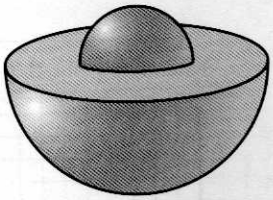
El volumen es 904,32 cm^3.

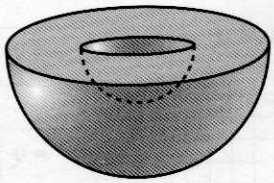
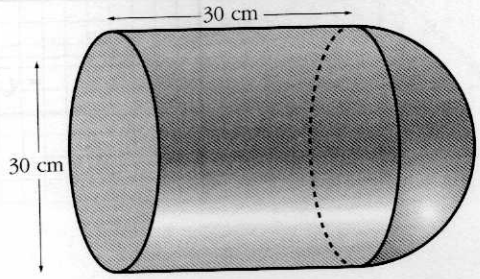
Halla el volumen de los siguientes cuerpos geométricos.

13.



14. En ambas figuras, el radio mayor mide 15 cm, y el radio menor, 6 cm.





15.