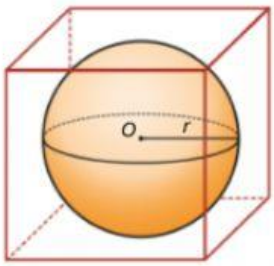
1) Uma esfera está inscrita num cubo de 64 000 cm de volume. Calcula o volume da esfera



$V_{Cubo} = l^3$

$\Leftrightarrow 64000 = \quad l^3$

$\Leftrightarrow l = \sqrt[3]{\quad}$

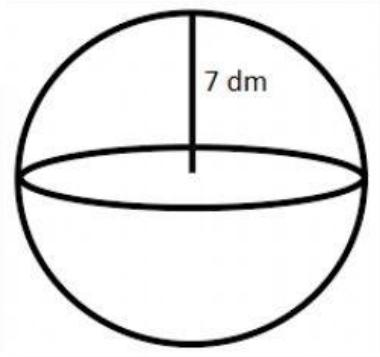
$\Leftrightarrow l = \qquad$ cm

$V_{\text{esfera}} = \frac{4}{3} \times \pi \; r^3$

$V_{\text{esfera}} = \frac{4}{3} \times \pi \quad {}^3$

$V_{\text{esfera}} = \frac{\quad}{3} \times \pi$

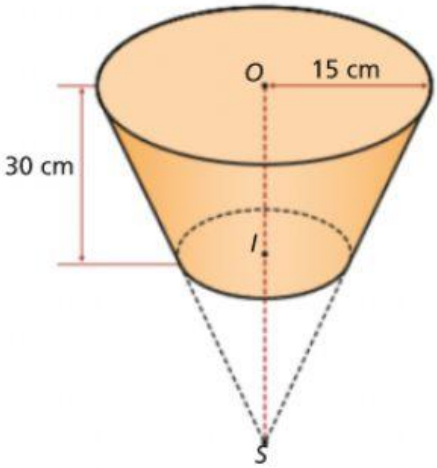
2) **Uma esfera tem 7 dm de raio.**



a) Qual é o volume da esfera?

$V = \frac{\quad}{3} \quad \pi \text{ dm}^3$

3) Um vaso de flores tem a forma de um tronco de cone.
***I* é o ponto médio de [*SO*].**



Calcula, arredondado às unidades:

a) Qual a altura do cone ?

A) 30 cm B) 60 cm c) 15 cm D) 45cm

b) o volume do cone;

$V = \qquad \text{cm}^3$

c) o volume do vaso.

$V = \qquad \text{cm}^3$

LIVEWORKSHEETS