Notes

Topic 10: Geometry

Volume is the amount of space *inside* a figure

This   →   is a *cylinder*

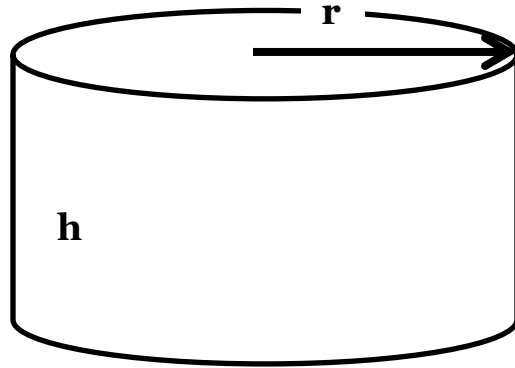This   →   is a *cone*

This   →   is a *sphere*
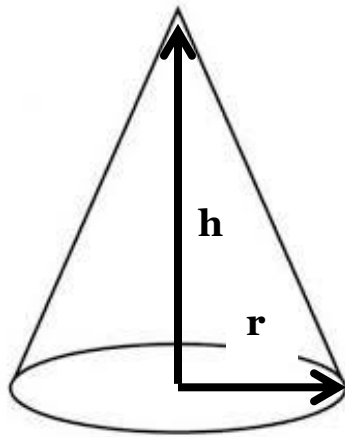
When you need to use an estimate for pi, remember:

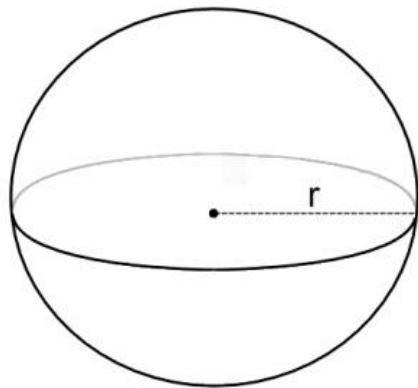$$\pi \;\rightarrow\; 3.1415 \ldots$$

Notes

Formulas for Volume

$$V = \pi r^2 h$$

$$V = \pi r^2 \, \frac{h}{3}$$

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