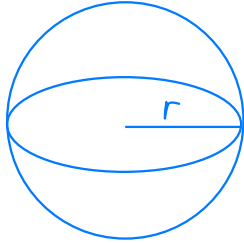
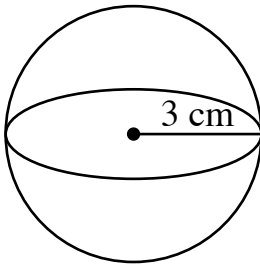


Volume of a Sphere (A)

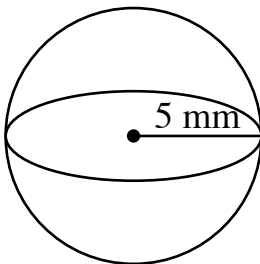


$$\text{Volume} = \frac{4}{3} \pi r^3$$



Find the volume. Give your answer as an exact value.

$$\begin{aligned} V &= \frac{4}{3} \pi (3)^3 \\ &= \frac{4}{3} \pi (27) \\ &= 36 \pi \text{ cm}^3 \end{aligned}$$



Find the volume. Give your answer as an exact value.

$$\begin{aligned} V &= \frac{4}{3} \pi (5)^3 \\ &= \frac{4}{3} \pi (125) \\ &= \frac{500}{3} \pi \text{ mm}^3 \end{aligned}$$