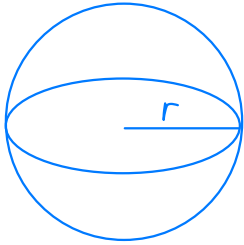
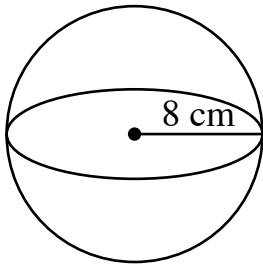


Surface Area of a Sphere (A)

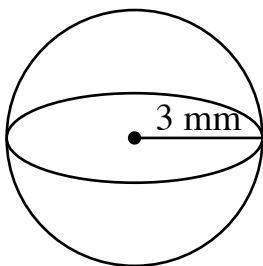


$$\text{Surface Area} = 4\pi r^2$$



Find the surface area. Give your answer as an exact value.

$$\begin{aligned} SA &= 4\pi(8)^2 \\ &= 4\pi(64) \\ &= 256\pi \text{ cm}^2 \end{aligned}$$



Find the surface area. Give your answer as an exact value.

$$\begin{aligned} SA &= 4\pi(3)^2 \\ &= 4\pi(9) \\ &= 36\pi \text{ mm}^2 \end{aligned}$$