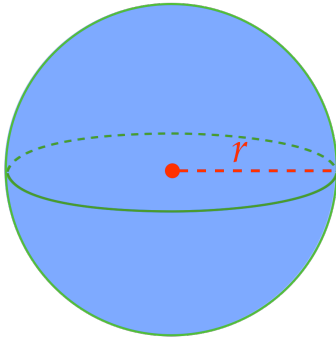


Spheres

Sphere

A three-dimensional figure, where all points are equidistant from a **fixed center**.



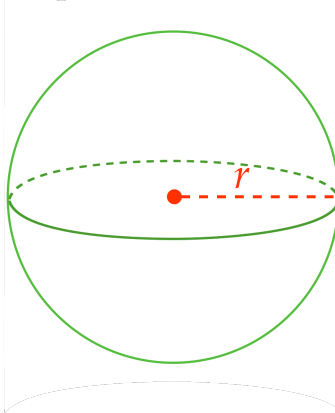
Surface Area of a Sphere

$$S.A. = 4\pi r^2$$

r is the **radius** of the **sphere**

Sphere

A three-dimensional figure, where all points are equidistant from a **fixed center**.



Surface Area of a Sphere

$$S.A. = 4\pi r^2$$

r is the **radius** of the **sphere**

Volume of a Sphere

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

r is the **radius** of the **sphere**

Calculate the **Surface Area** and **Volume** of the following **Sphere**

$$\text{S.A.} = 4\pi r^2 \qquad V = \frac{4}{3}\pi r^3$$

