Surface Area of a Sphere
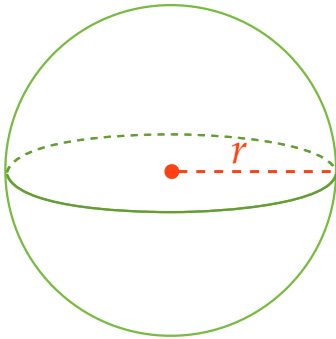
The area around the surface of a sphere

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

r is the radius of the sphere

Surface Area of a Sphere

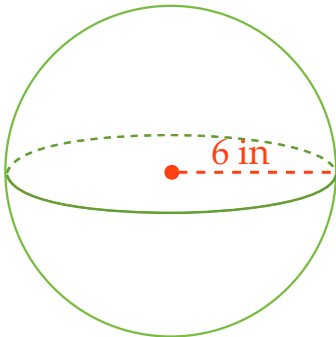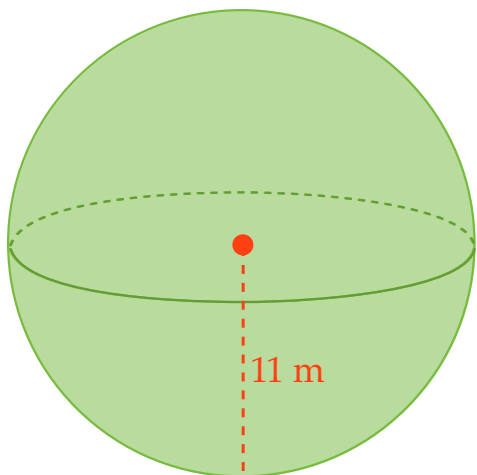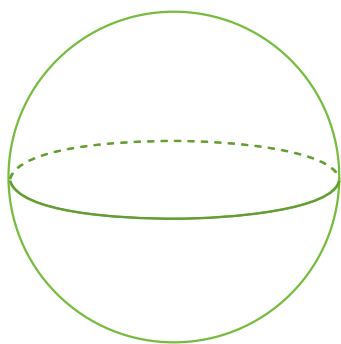The area around the surface of a sphere

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Surface Area of a Sphere

The area around the surface of a sphere

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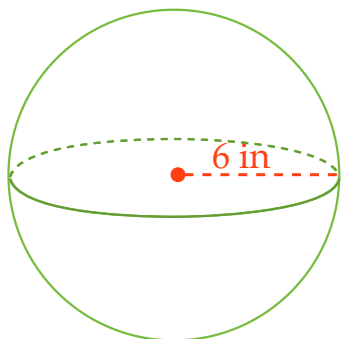
11 m

Volume of a Sphere

The volume contained inside a sphere

$$V = \frac{4}{3}\pi \cdot r^3$$
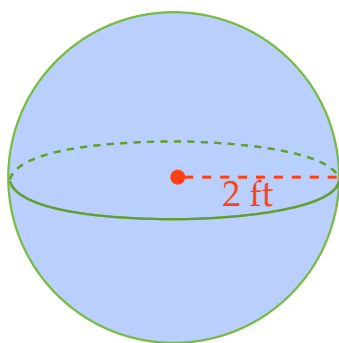
r is the radius of the sphere

Volume of a Sphere

The volume contained inside a sphere

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

6 in
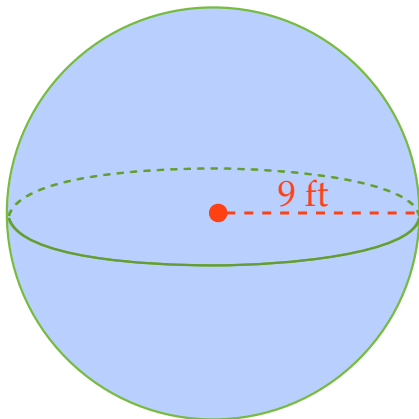
Calculate the Surface Area and Volume of the following Spheres

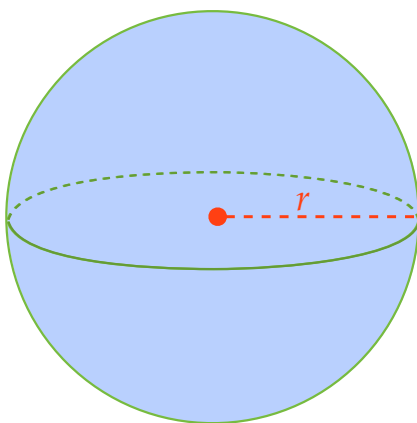$$S.A. = 4\pi \cdot r^2 \qquad V = \frac{4}{3}\pi \cdot r^3$$

2 ft

Calculate the Surface Area and Volume of the following Spheres

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

9 ft

Surface Area

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

Volume

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

r