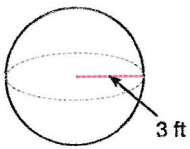


Spheres

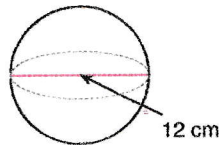
 $V^3 \leftarrow$ volume

Find the volume of each figure.

1)



2)

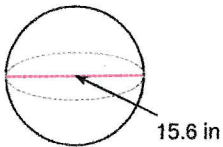


$$V = \frac{4}{3}\pi r^3$$

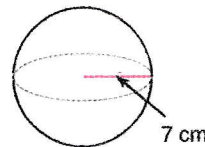
$$\frac{4}{3}\pi 6^3$$

$$= 904.32 \text{ cm}^3$$

3)



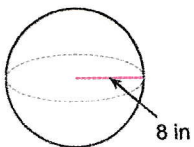
4)



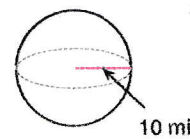
$$\frac{4}{3}\pi 7^3$$

$$1436.03 \text{ cm}^3$$

5)



6)



$$\frac{4}{3}\pi 10^3$$

$$4186.67 \text{ mi}^3$$

7) A sphere with a diameter of 6.2 in.

8) A sphere with a radius of 8 mi.

$$\frac{4}{3}\pi 8^3$$

$$2143.57 \text{ mi}^3$$