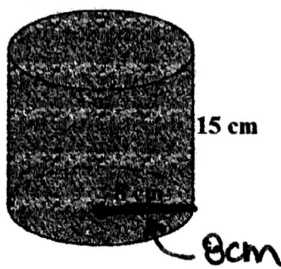


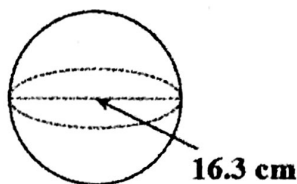
**Quiz #1 – Volume:** Find the volume for the following 3D-shapes. Round to the nearest tenth, when necessary. Don't forget to label your answers. ANSWERS posted to my website.

1.



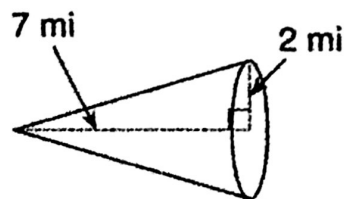
$$3015.9 \text{ cm}^3$$

2.



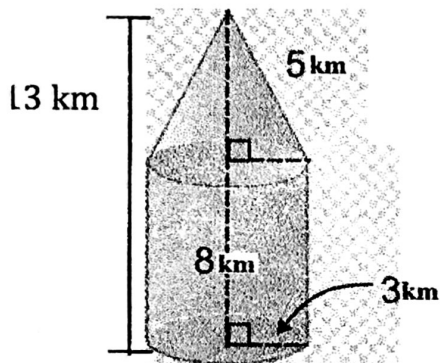
$$2267.6 \text{ cm}^3$$

3.



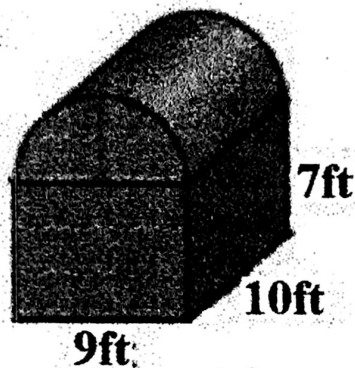
$$29.3 \text{ mi}^3$$

4.



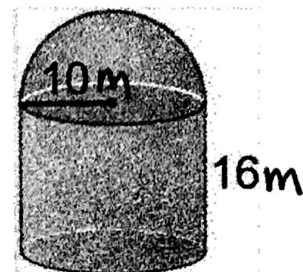
$$273.3 \text{ km}^3$$

5.



$$948.1 \text{ ft}^3$$

6.



$$7120.9 \text{ m}^3$$

7. The volume of a cone is  $1600 \text{ ft}^3$  and its height is 7ft. What is the radius of the cone?

$$r = 14.8 \text{ ft}$$

8. The volume of a sphere is  $57,000 \text{ in}^3$ . What is the radius of the sphere?

$$r = 11.1 \text{ in}$$