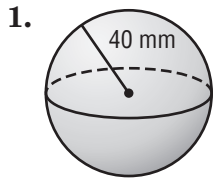


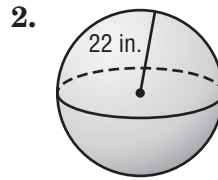
# Lesson 3 Homework Practice

## Volume of Spheres

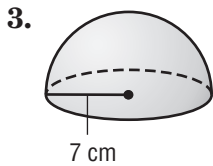
Find the volume of each sphere. Round to the nearest tenth.



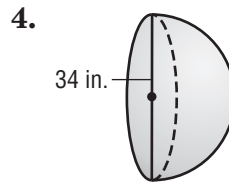
**268,082.6 mm<sup>3</sup>**



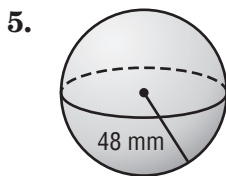
**44,602.2 in<sup>3</sup>**



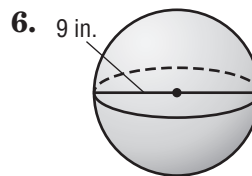
**718.4 cm<sup>3</sup>**



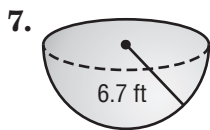
**10,289.8 in<sup>3</sup>**



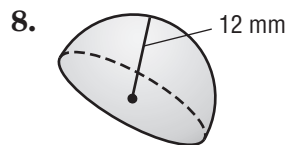
**463,246.7 mm<sup>3</sup>**



**381.7 in<sup>3</sup>**



**629.9 ft<sup>3</sup>**



**3,619.1 mm<sup>3</sup>**

9. The radius of a mini-basketball is 4 inches. What is the volume? Round to the nearest tenth. **268.1 in<sup>3</sup>**
10. A necklace has a single pearl with a radius of 2.1 millimeters. What is the volume of the pearl? Round to the nearest tenth. **38.8 mm<sup>3</sup>**