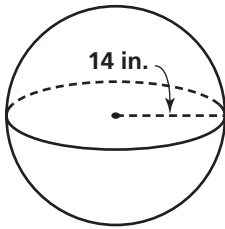# Practice 11-6

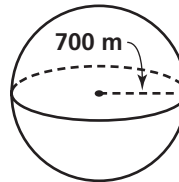**Surface Areas and Volumes of Spheres**

Find the surface area of each sphere. Round your answers to the nearest tenth.
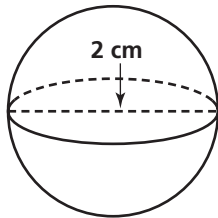
1. _____
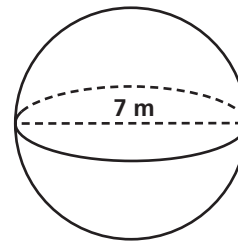

14 in.

2. _____

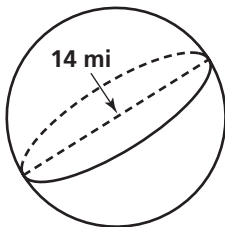700 m

3. _____

2 cm

4. _____

7 m

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

5. _____

14 mi

6. _____

40 cm

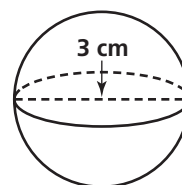**7.** _____

12 m

8. _____

3 cm
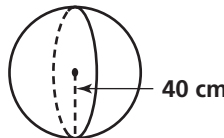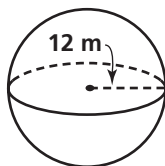
Use the given circumference to approximate the volume of each object. Round your answers to the nearest whole number.

9. a volleyball with $C = 69$ cm _____

10. a golf ball with $C = 13.5$ cm _____