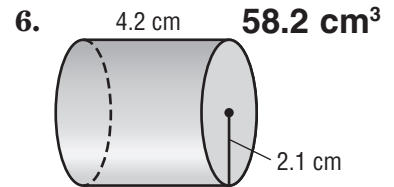
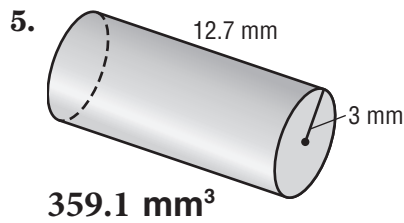
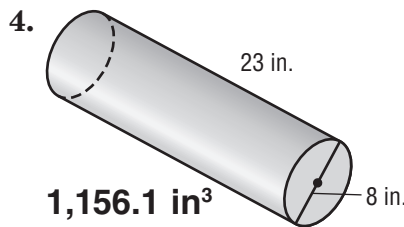
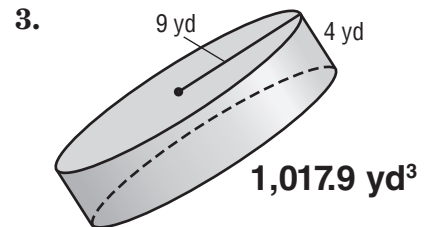
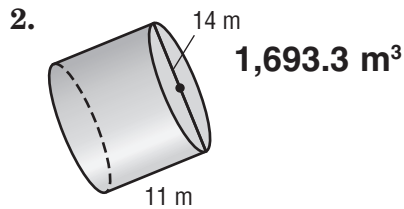
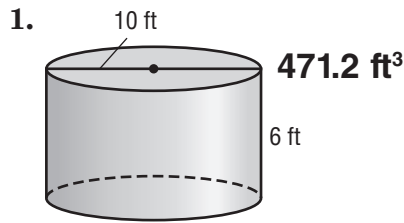


Lesson 1 Homework Practice

Volume of Cylinders

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



7. **CONTAINER** What is the volume of a barrel that has a diameter of $1\frac{1}{2}$ feet and a height of 4 feet? 7.1 ft^3

ESTIMATION Match each cylinder with its approximate volume.

8. diameter = 4 cm, height = 3.6 cm **D** a. 116 cm^3

9. radius = 2.7 cm, height = 5 cm **B** b. 115 cm^3

10. radius = 3 cm, height = 4.1 cm **A** c. 106 cm^3

11. diameter = 8.2 cm, height = 2 cm **C** d. 45 cm^3

12. **FUEL** Two fuel tanks with the dimensions shown have the same volume. What is the value of h ? **2**

