Name _____ Date _____

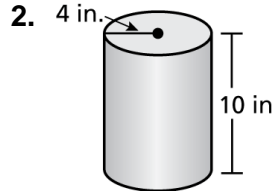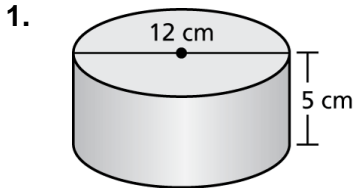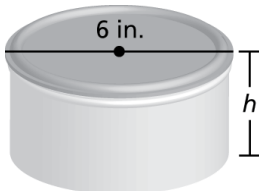## 8.1 Practice
For use after Lesson 8.1

<u>**Do not use 3.14. Use pi on the calculator or google.**</u>

Find the volume of the cylinder. Round your answer to the nearest tenth.
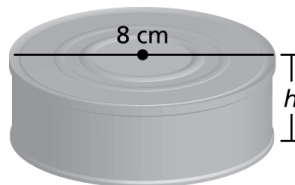
1.

12 cm

5 cm

2. 4 in.

10 in.

Find the missing dimension of the cylinder. Round your answer to the nearest whole number.
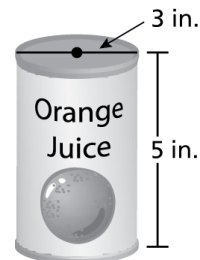
3. Volume $= 84$ in.^{3}

6 in.

h

4. Volume $= 650$ cm^3

8 cm

h

5. To make orange juice, the directions call for a can of orange juice concentrate to be mixed with three cans of water. What is the volume of orange juice that you make?

3 in.

Orange Juice 5 in.

BACK →

8.2 **Practice**
For use after Lesson 8.2

Find the volume of the cone. Round your answer to the nearest tenth.

1.

4 m

12 m

2.

11 ft

3 ft

3.

7 cm

10 cm