

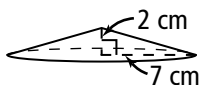
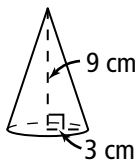
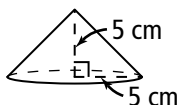
Close and Check

Focus Question

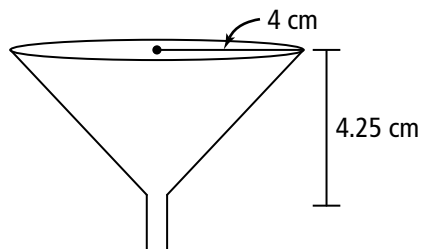
Why might you want to find the volume of a cone?

Do you know **HOW**?

1. Number the cones from 1 to 3 in order from least to greatest volume.



2. Find the volume of the funnel to the nearest cubic centimeter. Use 3.14 for π .



Do you **UNDERSTAND**?

3. **Reasoning** A juice company repackages individual juice cans in cone-shaped containers with the same volume. The can is 3 in. tall with a diameter of 2 in. What could be the dimensions of the cone container? Explain.

4. **Writing** A baker pours sugar into a cylindrical jar using the funnel from Exercise 2. If the jar holds 850 cm^3 , about how many times will he have to fill the funnel before the jar is full? Explain.
