Name: _____

Section 7.4 Extra Practice



2. What is the volume of this shape?

For #4a) and b), show your work in your notebook.

- **4.** A box has a base of 20 cm by 20 cm. You want to fit cans with a diameter of 6.6 cm in the box. The height of the box is 10.2 cm and the height of each can is 10 cm.
 - **a)** Draw a diagram that shows how many cans fit in the box.
 - **b)** Calculate the volume of the box and the volume of one can. Divide the volume of the box by the volume of the can.
 - c) Explain why the answers in parts a) and b) are not the same.

 What is the volume of this shape with a triangular hole through it? Show your answer to two decimal places. 12 cm 6 cm $6 \text$

Date:



BLM 7-11