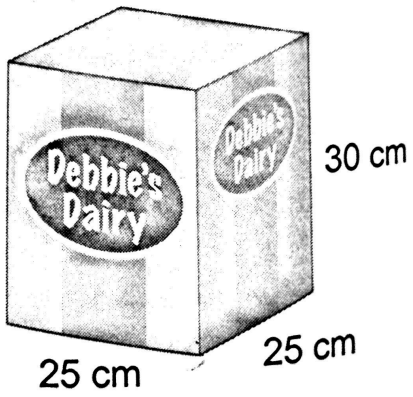
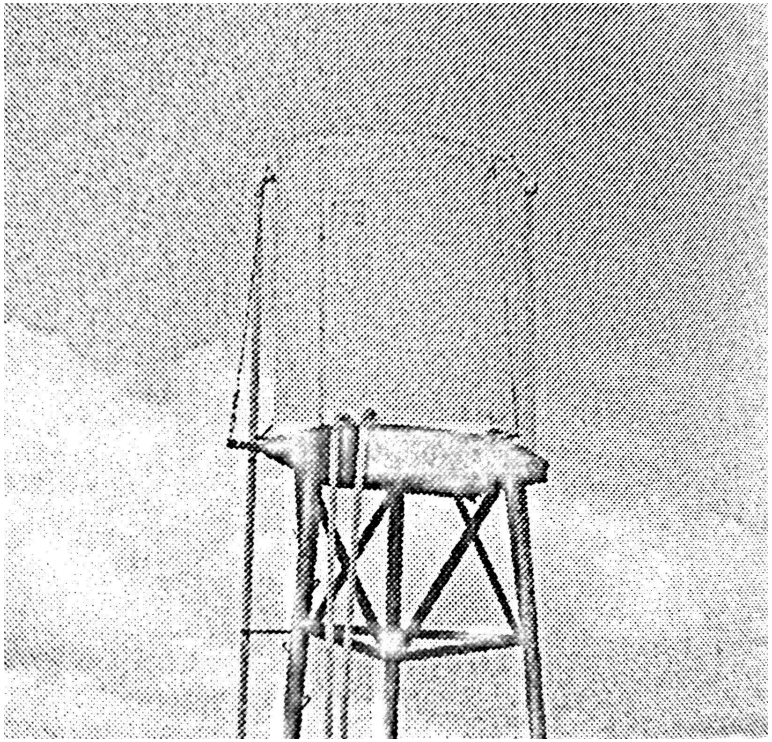
Ice cream is delivered to an ice cream store in two types of containers.

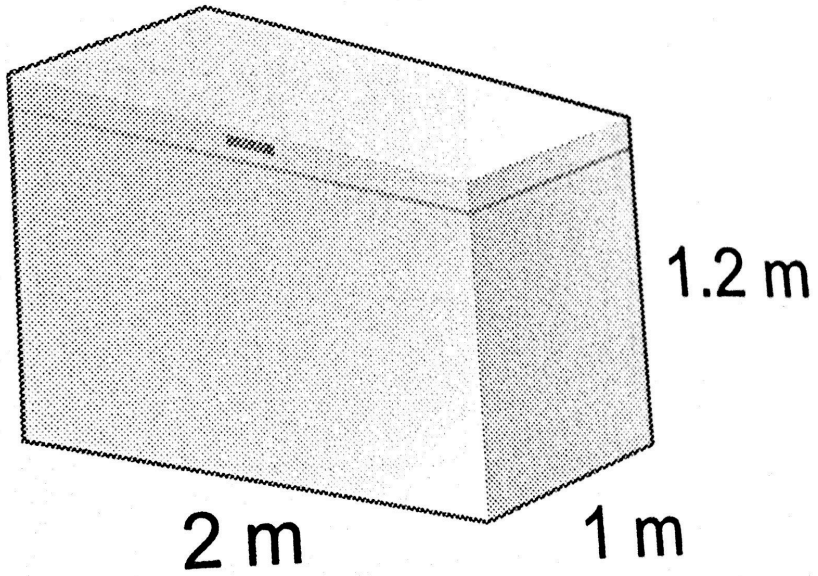


a) **Which** container **holds more** ice cream?

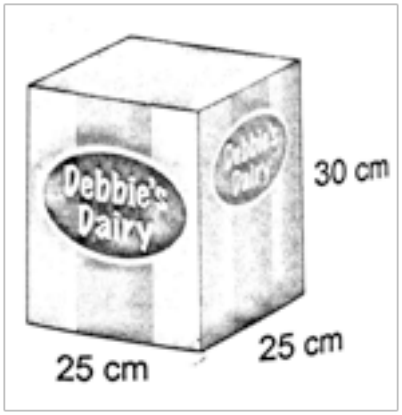
b) The store sells **ice cream cones** that contain **650cm³** of ice cream. **How many more ice cream cones can the store make from the larger container**?



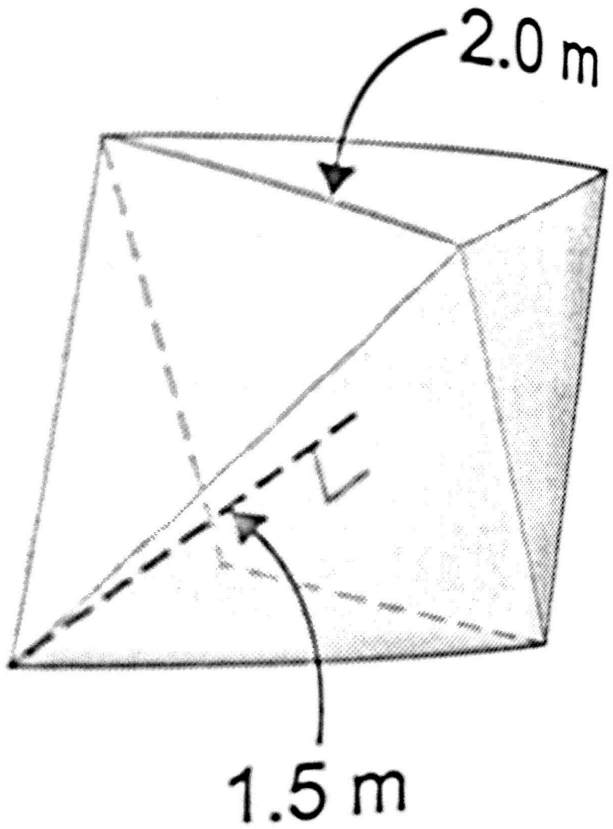
The water tank shown has a **diameter of 3.0m** and a **height of 5.0m**. Determine the **volume** of the water tank.



This is a freezer at an ice cream store.

Ice cream comes in boxes like this…. 

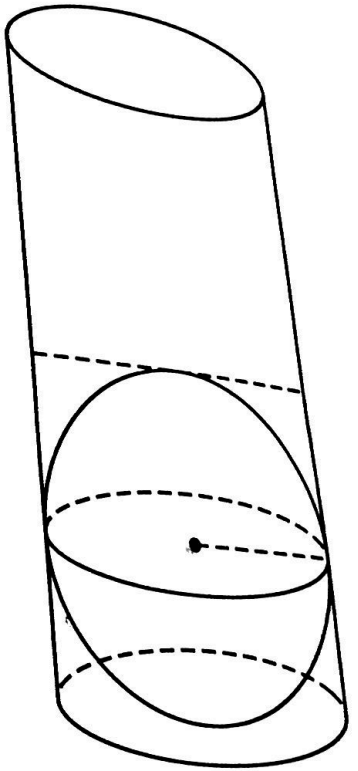
. **How many boxes can they put in the freezer**?



Mae created a sculpture using **two square-based pyramids**. What is the **volume** of the sculpture?

OPEN RESPONSE: GAS GUESSING

7. Nathan thinks that volume of natural gas that this spherical tank can hold is about $\frac{1}{3}$ of the volume of gas the cylindrical tank can hold.



Is he correct?

Circle one: Yes No

Justify your answer.