

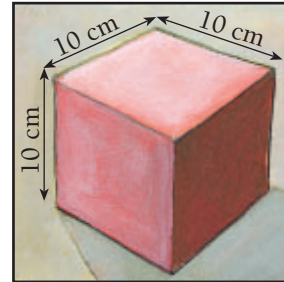
# Cold Comfort

**You need**  a ruler  cardboard boxes from a supermarket  
 1 000-place-value cubes

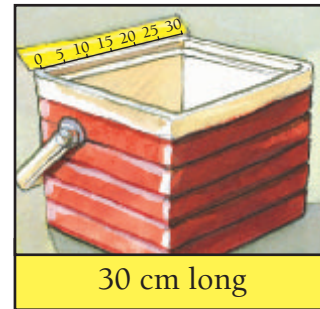
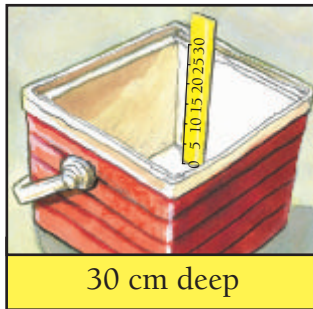
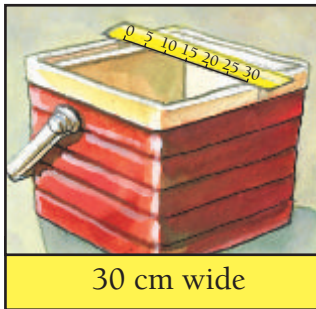
The size of chillybins is given in litres of internal fluid capacity. A litre of fluid capacity is the size of a 1 000-place-value cube.

## Activity One

The pictures below show the inside measurements in centimetres of a Chilly-Billy bin.



1. How many 1 000-place-value cubes would fit inside it?
2. What is the volume of the chillybin in litres?



## Activity Two

Chilly-Billy bins come in these sizes:

- a. Mini (10 litres)      b. Medium (48 litres)      c. Monster (80 litres)

Find a box that matches the capacity of each bin as closely as possible.

How close are the capacities of your boxes to the capacities of the Chilly-Billy bins?

