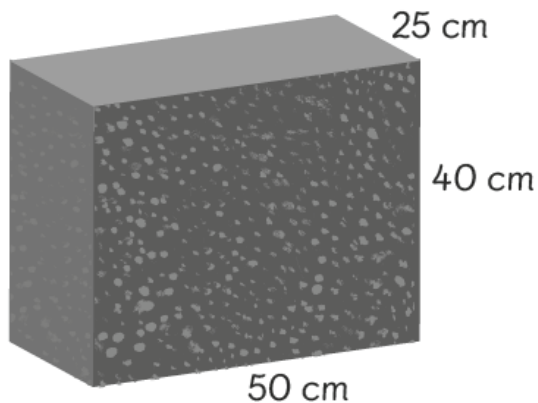


Name: _____ Class: _____ Date: _____

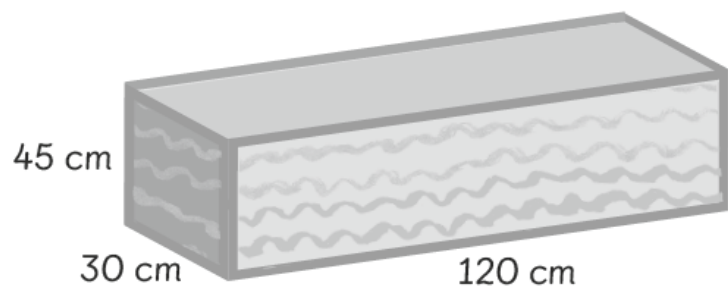
Worksheet 5

Solving Problems Involving the Volume of Solids

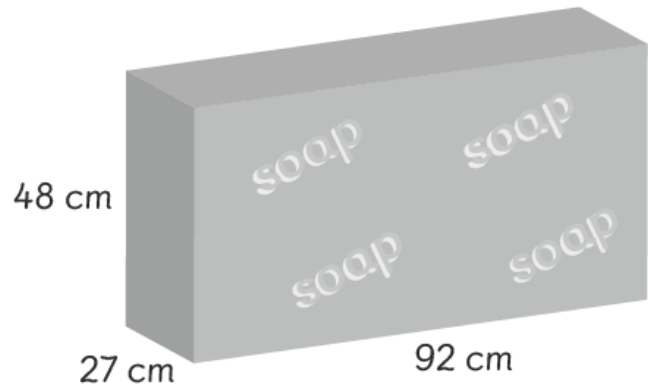
- 1 A cuboid of pure chocolate is melted and made into chocolate cubes with 2-cm sides. How many chocolate cubes can be made?



- 2 Before a cycling competition, a rectangular tank (as shown below) is filled to the brim with drinking water. The water is used to fill 750-cm³ bottles for the participants. How many bottles can be filled?



- 3 A cuboidal block of soap is cut into smaller cubes with 5-cm sides. What is the greatest number of cubes that can be cut from this block of soap?



- 4 An empty tank and a bucket are shown below. How many buckets full of water are needed to fill the tank up to the brim?

