



Welcome to sixth grade at Cristo Rey Elementary School. There are twelve boys and thirteen girls in your class this year.

Your Science teacher has just bought a new aquarium for the classroom. The aquarium is a simple cube. The students are going to decorate it so that it looks amazing.

Unfortunately, some of the details about the aquarium were lost and cannot be found. We know that the height of the aquarium is 50 centimetres.

TASK 1:

Calculate the volume of the aquarium in liters.

The volume of the aquarium is _____ **cubic centimeters**, which is equivalent to _____ **liters**.

TASK 2:

Decide how many **1 liter** bottles of water each student must bring to class the next day to fill the new aquarium.

If there are _____ **students** in my class, each student must bring _____ **1 liter bottles** of water to class the next day to fill the aquarium

SOMETHING TO THINK ABOUT...

cube = 3 dimensional object
volume = space inside cube
each face of cube is square - so every edge is same length
 $V = l \times w \times h$

I ♥ SCIENCE



$$V = S \times S \times S$$
$$V = S^3$$

