

STUDENT WORKSHEET

MATHEMATICS

VOLUME OF CUBE AND CUBOID



Name :

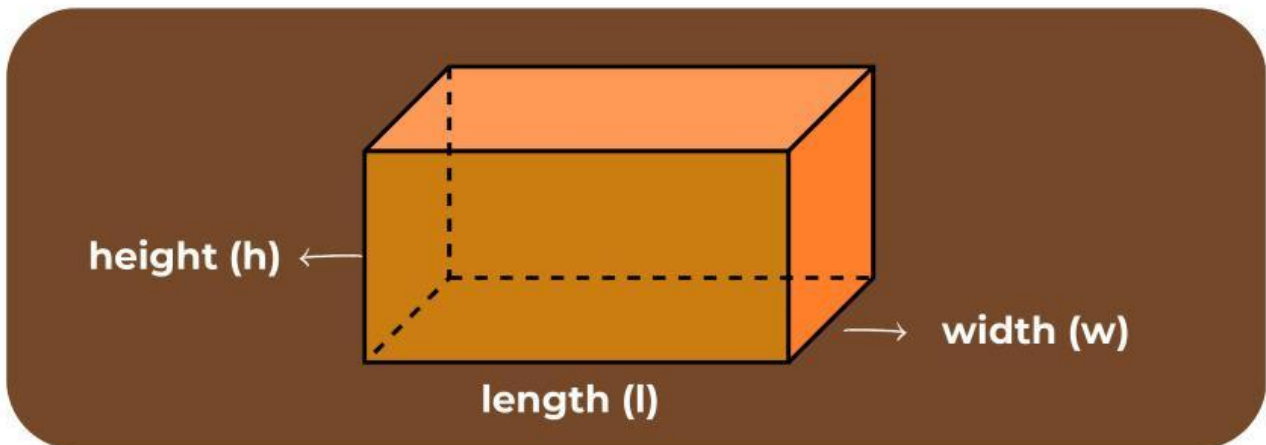
Class :

RUMUS VOLUME KUBUS DAN BALOK



Look at the rubik beside, rubik is a cube-shaped object. To find the volume of a cube-shaped object, you can use the following formula.

$$V = S \times S \times S$$

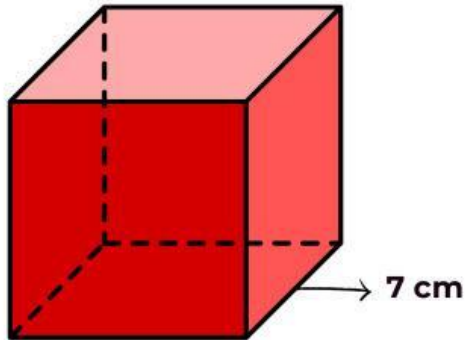


The picture above is a cuboid. The shape of objects that resemble the shape of a cuboid is often encountered in everyday life. Here is the formula for finding volume of cuboid.

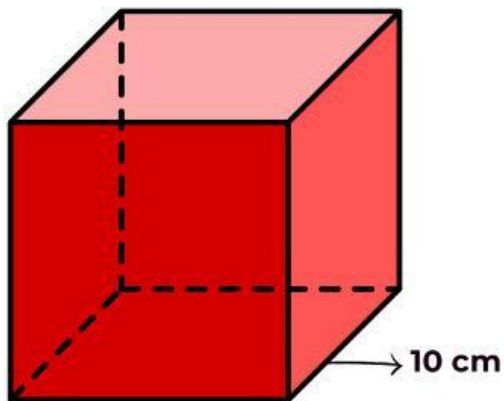
$$V = l \times w \times h$$

ACTIVITY 1

Match the cube and cuboid with the volume correctly!

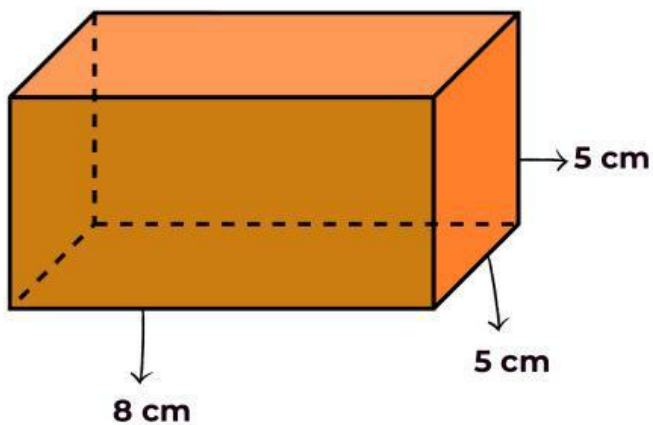


1000 cm^3



343 cm^3

300 cm^3



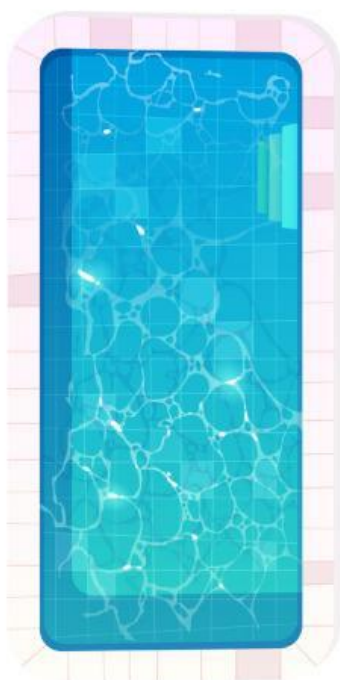
200 cm^3

ACTIVITY 2

Choose one the correct answer in each question!



The picture on the side is a picture of a rubik. Rubik is a cube-shaped object. If it is known that each side of the rubik has a length of 12 cm. The volume of the rubik on the side is... cm^3



A swimming pool will be filled with water. The pool is shaped like a block. If the length of the pool is 10 m, the width is 7 m, and the height is 2 m, then the volume of water that can be filled in the pool is... m^3