

671-1000 (60-030) Centimeter of Cubes

Introduction: centimeters are defined as being one hundredth of a meter, or 10^{-3} meters. They are one of the most commonly used metric measures of length, because they are very useful for everyday applications. For example, an adult fingernail is approximately one centimeter in width.

In addition, one cubic centimeter is defined as being equivalent to one milliliter of volume. In practice the two are not entirely equal, but for most purposes the difference is so small as to be negligible.

Description: our set consists of an acrylic cube with an inside measurement of ten centimeters. There are nine squares, each measuring ten centimeters square and one centimeter in height. The top layer consists of nine bars, each one centimeter in height, one centimeter in width, and ten centimeters long. The remaining space is taken up by ten cubes, each of them one cubic centimeter, or one milliliter. Each of these cubes weighs one gram.

Operation: Our centimeter of cubes set is valuable for teaching the relationships between distance and volume. For example, one of the small cubes is equal to one milliliter, while the entire set is equal to 1000 ml.

Warranty and Parts:

We replace all defective or missing parts free of charge. Additional replacement parts may be ordered toll-free. We accept MasterCard, Visa, checks and School P.O.s. All products warranted to be free from defect for 90 days. Does not apply to accident, misuse or normal wear and tear. Intended for children 13 years of age and up. This item is not a toy. It may contain small parts that can be choking hazards. Adult supervision is required.

May we suggest:

673-0110 Mole Box: How to visualize what a mole of air really looks like? Use our custom-printed, die-cut cube... complete with mole! Many concepts in chemistry class are hard to grasp. (Plus we all need a good laugh.) This 6-sided cardboard box, each side 11.2" square, folds into a sturdy cube. Each side is imprinted with useful facts in large type that can be read easily across a classroom.