Volume

Study Development Quick Guide

## Finding the volume of a prism

1. Find the area of the cross-section of the prism (e.g. the circular end of a cylinder, any face of a box etc).
2. Multiply the area of the cross-section by the length of the prism.

## Finding the volume of an object that is not a prism

1. Find the formula for finding the volume of that object online.
2. Substitute in the dimensions of the object into the formula.
3. Complete the calculation.

## Units

Units for volume are usually written as *measure*3. For example, if the dimensions of your object are given in cm, then the volume of the object will be in cm3 (of course, you can convert these into other units if you’d like to).

One way of measuring volume that differs to this is mL. 1mL is another way of writing 1cm3, and either is correct. If you are taking a test, make sure you give your answer in the units that have been asked for.

**Support**: Study Development offers workshops, short courses, 1 to 1 and small group tutorials.

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