

# Volume

This is a cube.



This cube is 1 centimeter long x  
1 centimeter wide x 1 centimeter high.

It has a **Volume** equal to 1 cubic centimeter.

We write:            Volume = 1 cm<sup>3</sup>.

We say:              “Volume = 1 cubic centimeter”

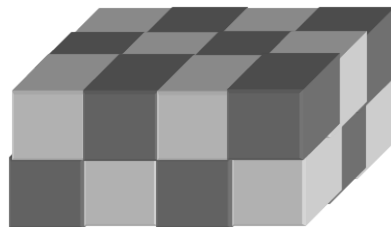
or                      “Volume = 1 centimeter cubed”

1. What is the **area of the base** of this rectangular block?

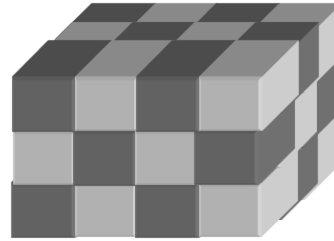


2. What is the **height** of the rectangular block?
3. What is the **volume** of the rectangular block?

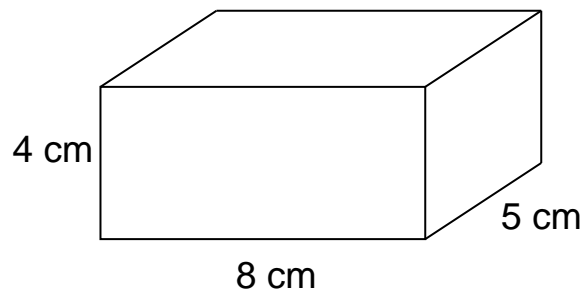
4. What is the
  - a. Area of the base
  - b. Height
  - c. Volumeof this rectangular block?



5. What is the
- a. Area of the base
  - b. Height
  - c. Volume
- of this rectangular block?



6. Put your results into a table that shows the Area, Height and Volume of these rectangular blocks.
7. What is the formula for the volume of a rectangular block?
8. Use the formula to find the volume of this rectangular block.



9. Use the formula to find the volume of this rectangular block.

