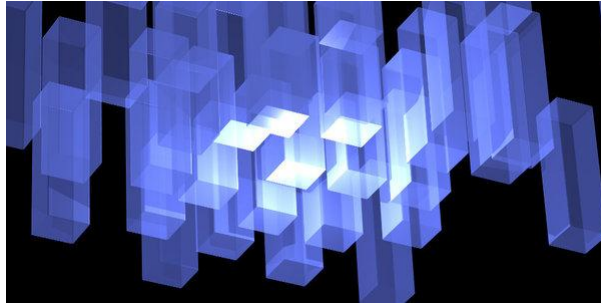
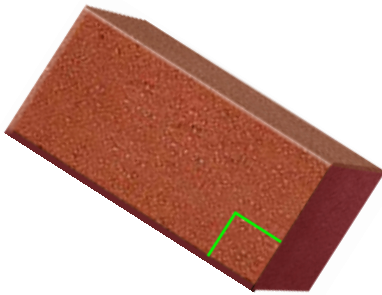


5.5 - Determining the Volume of Prisms

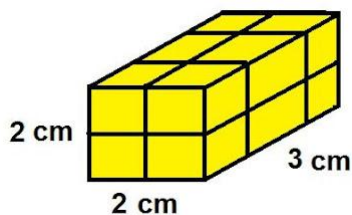


Volume: The amount of space an object takes up.



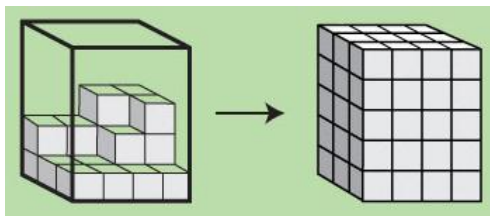
At your tables discuss...

How many centimeter cubes will fit in this rectangular prism?



At your tables discuss...

How many centimeter cubes will fit in this rectangular prism?



Volume of a Prism

STEP 1: Identify the base

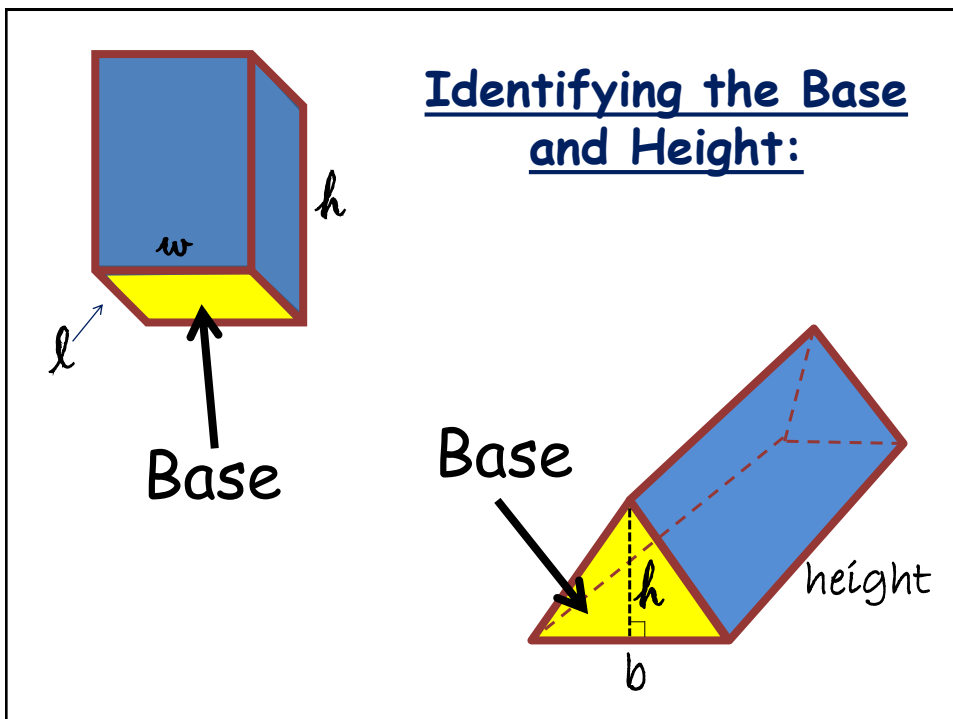
STEP 2: Find the area of the base

$$A = l \times w \quad \text{or} \quad A = b \times h \div 2$$

STEP 3: Multiply the area of the base by the height

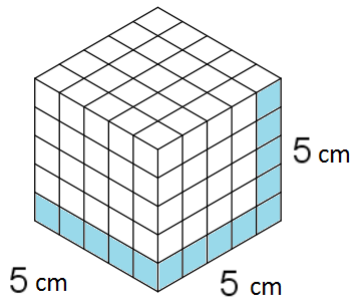
$$V = B \times h$$

- Remember your units, this time it's cubed
For example: cm^3 or m^3



At your tables discuss...

What is the volume of the rectangular prism using the formula?



At your tables discuss...

What is the volume of the triangular prism using the formula?

