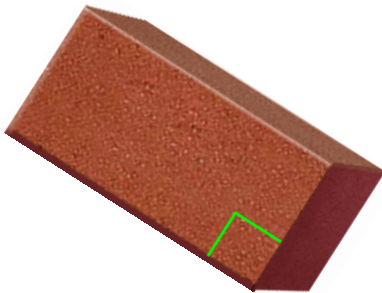


5.6 - Determining the Volume of Cylinders

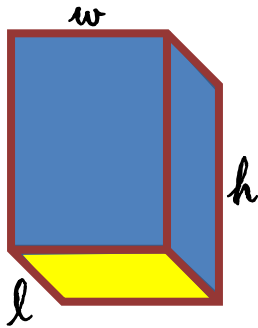


Volume: The amount of space an object takes up.



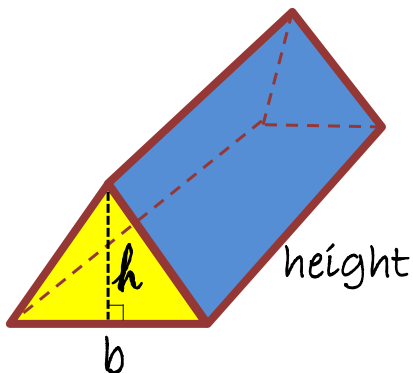
At your tables discuss...

How would you find the volume of a rectangular prism?



At your tables discuss...

How would you find the volume of a triangular prism?



Volume of a Cylinder

STEP 1: Identify the base

STEP 2: Find the area of the base

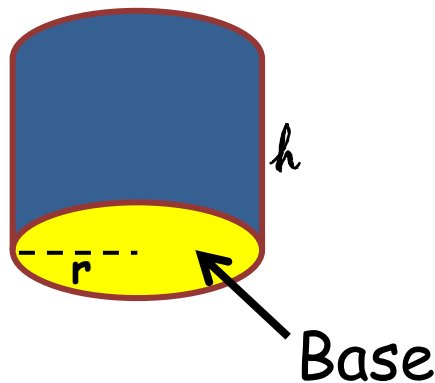
$$A = \pi \times r \times r$$

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

$$V = B \times h$$

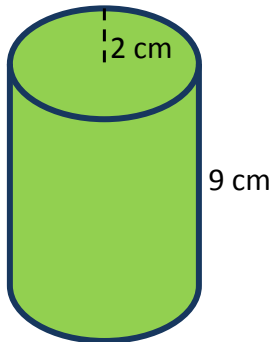
- Remember your units, this time it's cubed
For example: cm^3 or m^3

Identifying the Base and Height:



At your tables discuss...

What is the volume of the cylinder using the formula?



At your tables discuss...

What is the volume of the cylinder using the formula?

