![j0397048[1]]()**Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period \_\_\_\_\_\_**

# Volume Worksheet

# Calculating volume of a regular object

 -Remember the formula for calculating volume of a regular object V = L x W x H

 Steps

1. Write the formula

 2. Fill in the numbers you have

 3. Solve for the unknown

 4. Label

 5. Check your work!

 1. What would the volume of a fish tank be if its length was 88 cm, the height was 60

 cm and the width was 42 cm?

2. What would the volume of a box that has a width of 36 cm, a length of 79 cm and a

 height of 41 cm?

1. What would be the length of an object with a volume of 103,680 cm3, if it has a width of 36 cm, a height of 48 cm?

**Volume of an irregular object**

 4. Explain how you would be able to measure the volume of an irregularly shaped

 object such as a golf ball.

# Fill in the blank

What is the tool used to measure the volume of a liquid?\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

The basic unit of measuring volume in the metric system is the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

One mL is equal to one \_\_\_\_\_\_\_\_\_.

One liter is equal to one thousand \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

What is the abbreviation for the liter?\_\_\_\_\_\_\_\_

Explain about how large a liter is compared to a gallon.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.