

Name: _____

Metric Liquid Volume

Liquid volume (metric):

The metric system uses **liters** and **milliliters** to measure the volume of **liquids**.

1 **liter (L)** contains 1,000 **milliliters (ml)**. **1 L = 1,000 ml**

A milliliter is a *very small* amount of liquid—about 10 drops of water.

Units in the metric system are always easy to convert to each other.

To change **liters to milliliters** you multiply by 1,000. Why?

Note: When you change from measuring in liters to measuring in milliliters, you are changing from a larger to a smaller unit of measurement, so you will need more of the smaller units (than you did of the larger units) to span the distance being measured.

1. Convert **3 L** to milliliters.

2. **10 L** = _____ ml

26 L = _____ ml

2 L = _____ ml

12 L = _____ ml

3. If there are **10 drops** of water in **1 ml**, how many drops would there be in **1 liter**? _____

4. **1 L 200 ml** = _____ ml

2 L 145 ml = _____ ml

5. **3 L 600 ml – 800 ml** = _____