



## Liters to Milliliters Conversion

**FREE Worksheet - 5**

**Time: 10 minutes**

(Detailed solutions at the end)

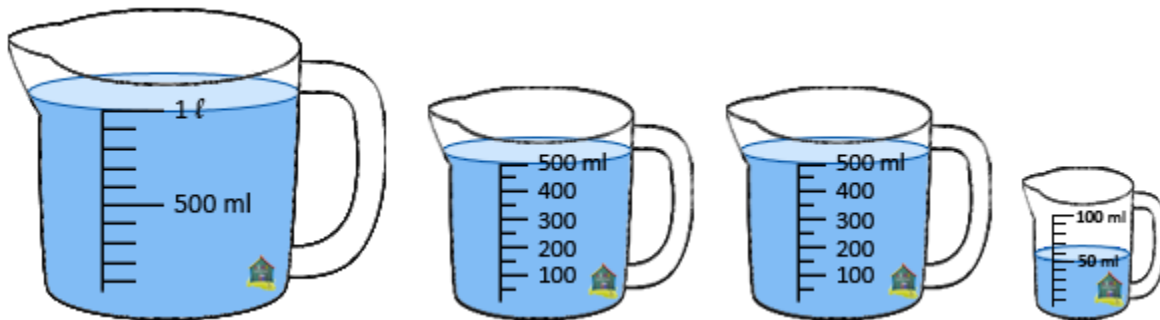
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1. A can has 2130 ml of milk.

What is the volume of milk in the can in litres and millilitres?

Answer: \_\_\_\_\_ l \_\_\_\_\_ ml

2. Find the total volume of water in the following set of measuring cups in litres and millilitres.



Answer: \_\_\_\_\_ l \_\_\_\_\_ ml

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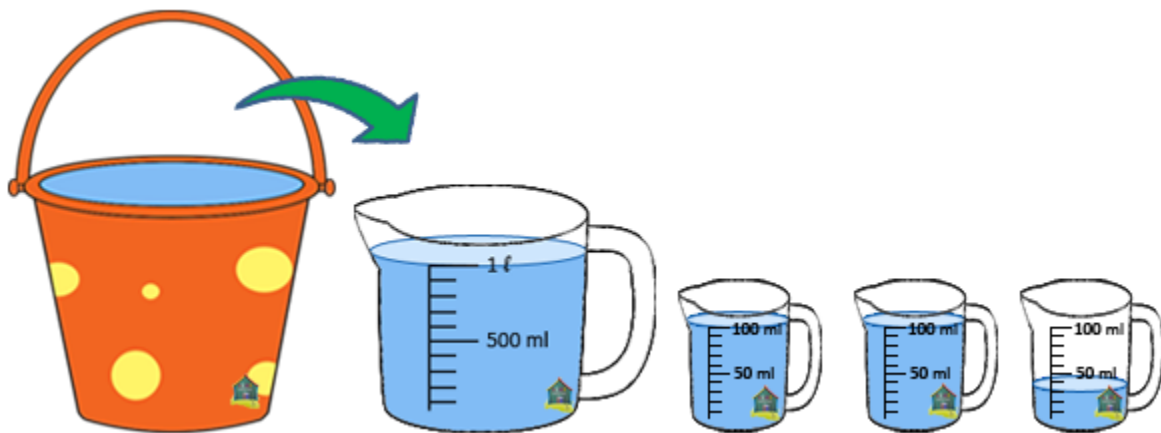
3.  $1045 \text{ l} = \underline{\quad} \text{ l } \underline{\quad} \text{ ml}$

4.  $2 \text{ l } 509 \text{ ml} = \underline{\quad\quad} \text{ ml}$

5. Maria has a pail filled with water to the brim.

She empties the pail into the following measuring cups.

Find the capacity of the pail in litres and millilitres.



Answer:          l          ml



## SOLUTIONS

### Problem 1

We know,

$$1000 \text{ ml} = 1 \text{ l}$$

So,

$$4000 \text{ ml} = 4 \text{ l}$$

$$\begin{aligned} 2130 \text{ ml} &= 2000 \text{ ml} + 130 \text{ ml} \\ &= 2 \text{ l} + 130 \text{ ml} \\ &= 2 \text{ l } 130 \text{ ml} \end{aligned}$$

The volume of milk in the can is **2 l 130 ml**.

### Problem 2

Volume of water in the first cup	→	1000 ml
Volume of water in the second cup	→	500 ml
Volume of water in the third cup	→	500 ml
Volume of water in the fourth cup	→	50 ml

Total volume of water in the 4 cups

$$\begin{aligned} &= 1000 \text{ ml} + 500 \text{ ml} + 500 \text{ ml} + 50 \text{ ml} \\ &= 2050 \text{ ml} \\ &= \mathbf{2 \text{ l } 50 \text{ ml}} \end{aligned}$$



**Problem 3**

\_\_\_\_\_ We know,

$$1000 \text{ ml} = 1 \text{ l}$$

$$\begin{aligned} 1045 \text{ ml} &= 1000 \text{ ml} + 45 \text{ ml} \\ &= 1 \text{ l} + 45 \text{ ml} \\ &= \mathbf{1 \text{ l } 45 \text{ ml}} \end{aligned}$$

**Problem 4**

We know,

$$1 \text{ l} = 1000 \text{ ml}$$

So,

$$2 \text{ l} = 2000 \text{ ml}$$

$$\begin{aligned} 2 \text{ l } 509 \text{ ml} &= 2 \text{ l} + 509 \text{ ml} \\ &= 2000 \text{ ml} + 509 \text{ ml} \\ &= \mathbf{2509 \text{ ml}} \end{aligned}$$



**Problem 5**

Volume of water in the first cup → 1000 ml

Volume of water in the second cup → 100 ml

Volume of water in the third cup → 100 ml

Volume of water in the fourth cup → 30 ml

Total volume of water in the 4 cups

$$= 1000 \text{ ml} + 100 \text{ ml} + 100 \text{ ml} + 30 \text{ ml}$$

$$= 1230 \text{ ml}$$

$$= 1 \text{ l } 230 \text{ ml}$$

The capacity of the pail is ***1 l 230 ml*** .