

# Converting between units of capacity: liters and milliliters

Name:

Date:

## 1 liter = 1000 milliliters

### 1 LITERS (L) to MILLILITERS (mL)

To convert from liters to milliliters, MULTIPLY by 1000.

a)  $5 \text{ L} = 5000 \text{ mL}$

e)  $4.06 \text{ L} = 4060 \text{ mL}$

b)  $3.6 \text{ L} = 3600 \text{ mL}$

f)  $0.75 \text{ L} = 750 \text{ mL}$

c)  $4.95 \text{ L} = 4950 \text{ mL}$

g)  $0.105 \text{ L} = 105 \text{ mL}$

d)  $1.2 \text{ L} = 1200 \text{ mL}$

h)  $12.83 \text{ L} = 12830 \text{ mL}$

### 2 MILLILITERS (mL) to LITERS (L)

To convert from milliliters to liters, DIVIDE by 1000.

a)  $6000 \text{ mL} = 6 \text{ L}$

e)  $625 \text{ mL} = 0.625 \text{ L}$

b)  $2800 \text{ mL} = 2.8 \text{ L}$

f)  $812 \text{ mL} = 0.812 \text{ L}$

c)  $4250 \text{ mL} = 4.25 \text{ L}$

g)  $35 \text{ mL} = 0.035 \text{ L}$

d)  $2010 \text{ mL} = 2.01 \text{ L}$

h)  $14625 \text{ mL} = 14.625 \text{ L}$

### 3 QUESTIONS:

- a) A container contains 1.25 L of milk. In milliliters, what's the volume of milk in the container? 1250 mL
- b) A barrell of oil has a capacity of 8 liters. How many 1000 mL containers can be filled by a full barrell of oil? 8
- c) How many 250 mL containers of juice are needed to fill a 1 liter jug? 4
- d) A large pot has a capacity of 15 liters. How many 500 mL jugs of water are needed to fill the pot? 30
- e) Two 500 mL jugs of water and two 200 mL glasses of water are poured into a jug. In liters, how much water is in the jug? 1.4 L