

CHANGING 3000 cm^3 INTO LITRES

- 1 Begin with the volume of 3000 cm^3
- 2 Divide by 1000 because 1000 cm^3 fill one litre
- 3 The answer is 3 litres

WARM-UP

Convert each value on the ruled lines. Write the matching unit after the number.

1. Convert 3000 cm^3 into litres
2. Convert 1.5 l into millilitres
3. Convert 750 ml into litres

3000 cm^3 = _____

1.5 l = _____

750 ml = _____

PRACTICE

- 1 A large milk container holds **5000 cm^3** of milk.
5000 cm^3 = ? litres
- 2 A shopping bottle of juice holds **1.5 litres**.
1.5 litres = ? ml
- 3 A small cream carton holds **750 ml**.
750 ml = ? litres
- 4 A **10 cm** cube box of butter holds **1000 cm^3** .
1000 cm^3 = ? litres
- 5 A rectangular pack of cheese measures **20 cm** by **10 cm** by **10 cm**.
2000 cm^3 = ? ml

? ALWAYS, SOMETIMES, NEVER

Always, sometimes or never true? Write A, S or N.

- | | |
|---|---|
| a. 1 litre is the same as 1000 cm^3 . ☐ | c. A container of 3000 cm^3 holds 3 litres. ☐ |
| b. A 750 ml carton holds more than a 1 litre bottle. ☐ | d. A 10 cm cube holds 10 litres. ☐ |

IRISH FACT A litre of water

1 litre of water fills 1,000 cm^3 and has a mass of about 1 kilogram.

Metric system

