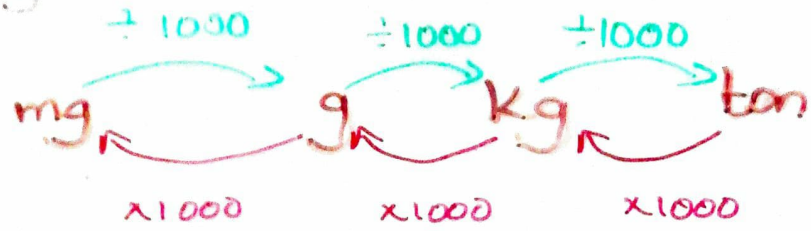
CONVERSIONS

- SOLIDS

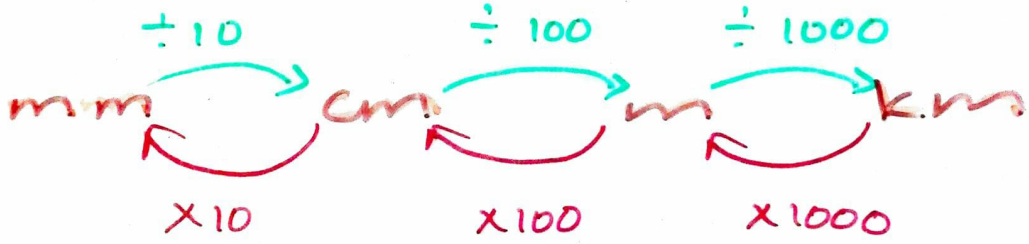


eg 1. 3g → mg
3 x 1000 = 3000 mg

2. 2 tons → g
2 x 1000 x 1000 = 2 000 000 g

3. 3 846,18 g → kg
3 846,18 ÷ 1000 = 3,84618 kg
≈ 3,85 kg

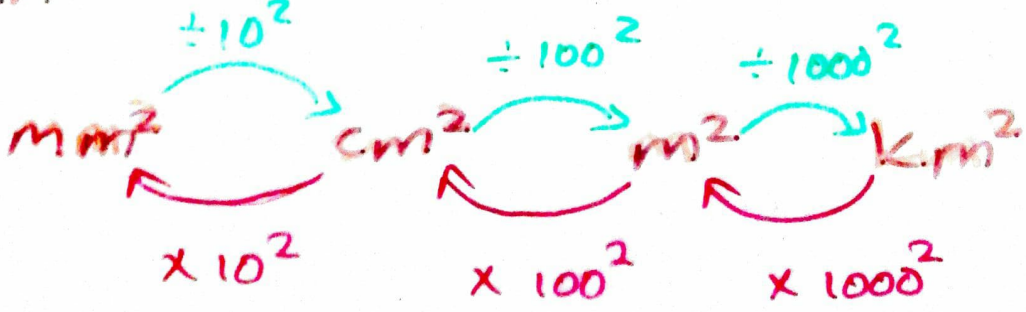
- DISTANCE



Eg 1. 5 m → mm
5 x 100 x 10 = 5000 mm

2. 250 cm → km
250 ÷ 100 ÷ 1000 = 0,0025 km

AREA



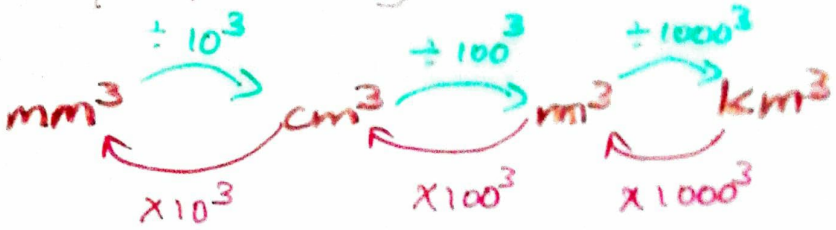
Eg 1. $3{,}57\ m^2 \rightarrow mm^2$

$3{,}57 \times 100^2 \times 10^2$

$= 3{,}57 \times 10000 \times 100$

$= 3\ 570\ 000\ mm^2$

VOLUME / CAPACITY



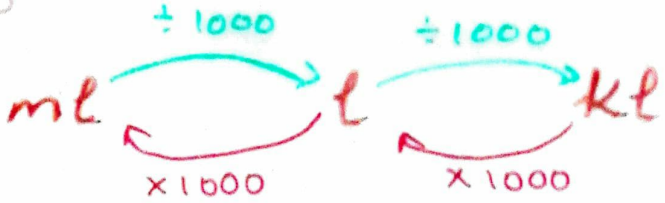
Eg 1. $3\ 570\ 000\ mm^3 \rightarrow cm^3$

$3\ 570\ 000 \div 10^3$

$= 3\ 570\ 000 \div 1000$

$= 3\ 570 cm^3$

LIQUIDS



Eg 5000mℓ → ℓ

$5000 \div 1000$

$= 5\ \ell$

TIME

TEMPERATURE

$°F = (1{,}8 \times °C) + 32°$ $\quad °C = (°F - 32°) \div 1{,}8$

Fahrenheit → used in USA. Freezing point 32°F

boiling point 212°F