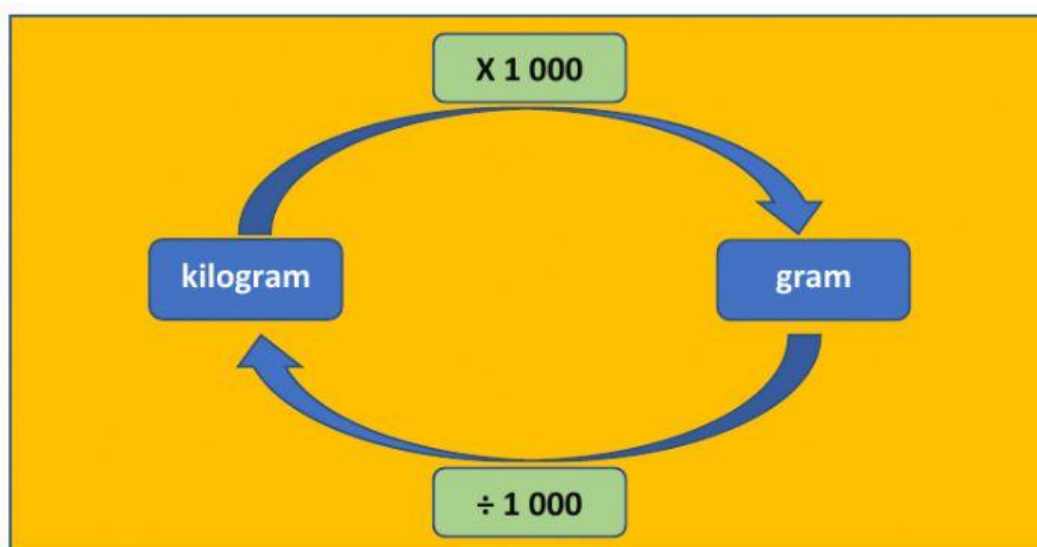


CONVERT UNITS OF MASS



How to convert?

- a** Convert 4 kg to g.

$$4 \text{ kg} = \boxed{} \text{ g}$$

$$4 \text{ kg} = 4 \times 1\,000 \text{ g} \\ = 4\,000 \text{ g}$$

$$4 \text{ kg} = \boxed{4\,000 \text{ g}}$$

To convert kg to g,
multiply by 1 000.



- b** State 2 kg 500 g in g.

$$2 \text{ kg } 500 \text{ g} = \boxed{} \text{ g}$$

$$2 \text{ kg } 500 \text{ g} \begin{cases} \rightarrow 2 \text{ kg} = 2\,000 \text{ g} \\ \rightarrow 500 \text{ g} \end{cases}$$

$$2 \text{ kg } 500 \text{ g} = 2\,000 \text{ g} + 500 \text{ g} \\ = 2\,500 \text{ g}$$

$$2 \text{ kg } 500 \text{ g} = \boxed{2\,500 \text{ g}}$$

Convert 2 kg
to 2 000 g.



- 2 What is the mass of a Rafflesia flower in kg?



7 000 g

$$7\ 000\text{ g} = \boxed{}\text{ kg}$$

$$7\ 000\text{ g} = (7\ 000 \div 1\ 000)\text{ kg} \\ = 7\text{ kg}$$

$$7\ 000\text{ g} = \boxed{7}\text{ kg}$$

The mass of a Rafflesia flower is 7 kg.

To convert g to kg,
divide by 1 000.



- 3 Convert the mass of an ostrich egg to kg and g.

$$1\ 400\text{ g} = \boxed{}\text{ kg } \boxed{}\text{ g}$$

$$1\ 400\text{ g} = 1\ 000\text{ g} + 400\text{ g} \\ = 1\text{ kg} + 400\text{ g} \\ = 1\text{ kg } 400\text{ g}$$



1 400 g

$$1\ 400\text{ g} = \boxed{1\text{ kg } 400\text{ g}}$$

The mass of an ostrich egg
is 1 kg 400 g.

Let's try

Convert the following units.

a



1 kg

$\boxed{}\text{ g}$

b



2 000 g

$\boxed{}\text{ kg}$

c



1 325 g

$\boxed{}\text{ kg } \boxed{}\text{ g}$

d

$$6\text{ kg } 8\text{ g} = \boxed{}\text{ g}$$

e

$$9\ 010\text{ g} = \boxed{}\text{ kg } \boxed{}\text{ g}$$