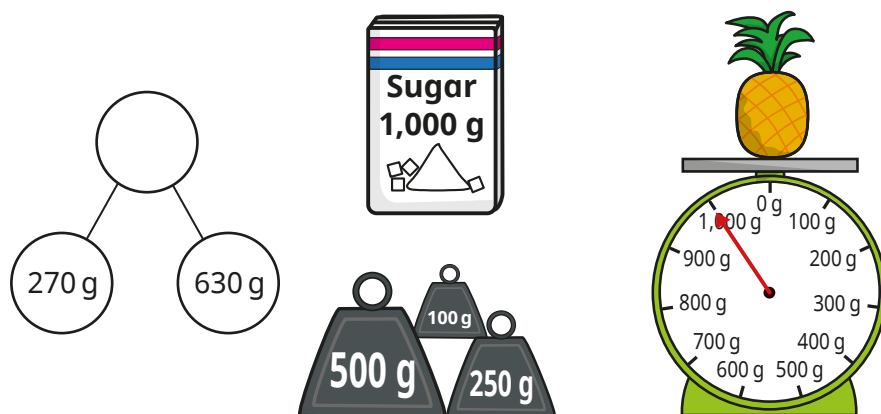


Equivalent masses

Key learning

- Sort the pictures into the table.



Equivalent to 1 kg	Not equivalent to 1 kg

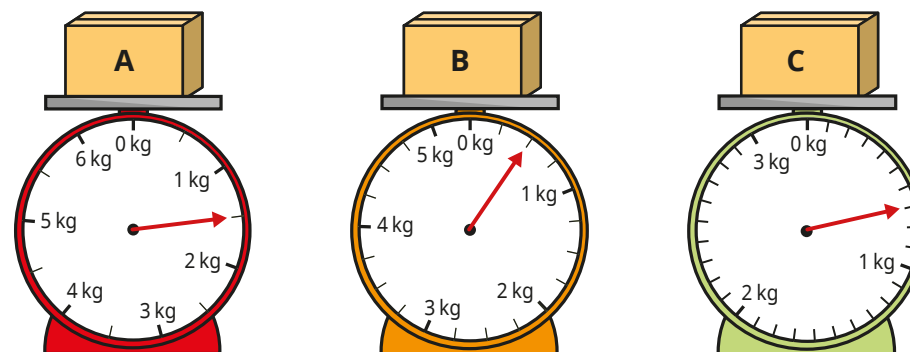
- How many grams is each fraction of a kilogram equivalent to?

$\frac{1}{2}$ $\frac{1}{4}$ $\frac{3}{4}$ $\frac{1}{10}$

- Aisha needs 250 g of sugar to bake a cake.

How many cakes can she bake with 1 kg of sugar?

- Work out the mass of each box.



- Fill in the missing numbers.

$350 \text{ g} + 650 \text{ g} = \text{_____ g}$ $\text{_____ g} + \frac{3}{4} \text{ kg} = 1 \text{ kg}$
 $465 \text{ g} + \text{_____ g} = 1 \text{ kg}$ $1,100 \text{ g} + \text{_____ kg} + 400 \text{ g} = 2,000 \text{ g}$
 $\frac{1}{4} \text{ kg} + \text{_____ kg} = 1,500 \text{ g}$ $\text{_____ kg} + 1,400 \text{ g} + 500 \text{ g} = 2 \text{ kg}$

- Scott has a 1.5 kg bag of flour.

He needs 300 g of flour to bake a cake.

How many cakes can he bake?