

Chapter 30: Weight

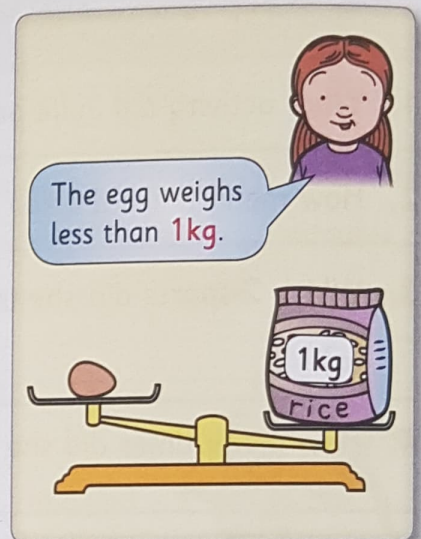
Many items come in 1 kilogramme (kg) packages.



1. Estimate if the following objects weigh **>1kg** **About 1kg** **<1kg**

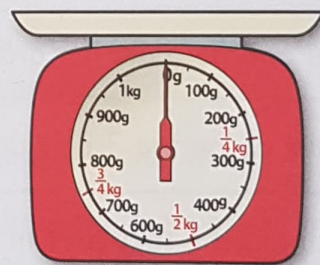
Use a 1kg weight (e.g. bag of rice) and a balance to check.

Object	>1kg	About 1kg	<1kg	Measure
(a) Egg	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<1kg
(b) Pencil case	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
(c) School bag	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
(d) 5 maths books	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
(e) Stapler	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
(f) 20 lollipop sticks	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
(g) Bowl of water	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	



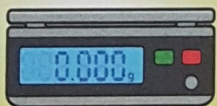
2. Read the weighing scales to answer these questions.

When objects weigh less than 1kg, we measure them in **grammes (g)**.
1kg = 1000g.



- (a) 1kg = _____ g (b) $\frac{1}{2}$ kg = _____ g (c) $\frac{1}{4}$ kg = _____ g
 (d) $\frac{3}{4}$ kg = _____ g (e) 100g more than $\frac{1}{2}$ kg = _____ g (f) 100g less than 1kg = _____ g
 (g) 2kg = _____ g (h) 50g more than $\frac{1}{4}$ kg = _____ g (i) 5kg = _____ g

Challenge



You will need a digital scales to do this challenge!

Find an object that weighs about:

- (a) 1g: _____ (b) 10g: _____