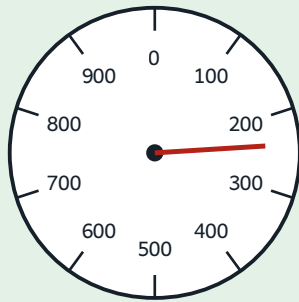


READING A LUNCHBOX MASS ON THE SCALE

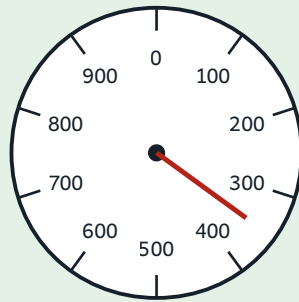
- 1 Look at the round dial of the classroom scale.
- 2 The needle points to the mark labelled **350**.
- 3 The unit on the dial is grams, so the lunchbox mass is 350 g.

 WARM-UP

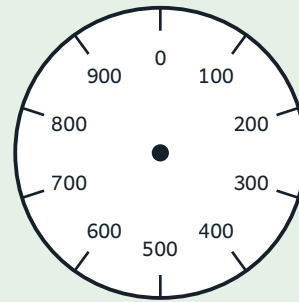
Use the round weighing-scale dials. Read the needle or draw it to the given mass.



Scale A



Scale B



Scale C

1. Read Scale A
2. Read Scale B
3. Draw the needle on Scale C to show 500 g

PRACTICE

- 1 A Maths book sits on the classroom scale and the needle stops at **240 g**. What mass does the scale read?
- 2 A feather from the nature table is placed on the scale and shows about **1 g**. Which unit fits best for this mass?
- 3 The bag of flour on the teacher desk has a mass of **2000 g**. How many kilograms is that equal to?
- 4 A lunchbox has mass **350 g** and a Maths book has mass **240 g**. What is the total mass of both objects in grams?

ALWAYS, SOMETIMES, NEVER

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

- a. A mass of 1000 g is the same as 1 kg.
- b. A feather has a mass greater than 1 kg.
- c. The weight of a bag of flour can be written in grams.
- d. Classroom objects lighter than 1 kg are recorded only in grams.

IRISH FACT The weight of a GAA football

A senior **GAA football** weighs between **480 g and 500 g** — about **double** the mass of a sliotar (the hurling ball), which is **110 g to 120 g**.

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