Mass: weighing in g and kg

MODULE 4 · MEASURES — LENGTH, MASS, CAPACITY, AREA, VOLUME MEASURES

HOW TO ANSWER TODAY

- **Convert units.** To a SMALLER unit → multiply. To a BIGGER unit → divide. Common factors: cm↔mm ×10, m↔cm ×100, km↔m ×1,000, kg↔g ×1,000, l↔ml ×1,000.
  250 cm → m: ÷ 100 = 2.5 m 3.5 kg → g: × 1,000 = 3,500 g

STRETCH PROBLEMS

1. 5th class at St Brigid's measured the total length of ribbon left on the spools in the classroom craft store and got **7628 cm** in total. The teacher wants the answer written in kilometres for the stocktake sheet. How many kilometres is **7628 cm**?

2. Cian measures one side of a new raised bed in the school vegetable garden. The timber plank is **3852 mm** long. How many centimetres is that?

3. Cian marks out a soccer pitch in the schoolyard for the lunchtime match. The length of the pitch measures **9599 cm**. Convert **9599 cm** to metres.

4. Cian and the 5th class are making a long string of bunting for GAA finals day. The finished bunting measures **9932 cm** from end to end. How many metres long is the bunting?

5. Cian measures the path from the school gate to the GAA pitch and finds it is **5276 cm** long. What is this length in kilometres?

MEASURES