Converting length units

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

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**?
   Convert 7628 cm to km.

2. Saoirse measures the string holding the bird-feeder outside the 5th class window. It is **495 cm** long from the branch to the feeder. How long is the string in metres?
   Convert 495 cm to m.

3. The art teacher mixes **892 ml** of green paint to use for the new class crest going on the 5th class Gaelic football jersey. She wants to record the amount in litres on her supplies list. How many litres of paint has she mixed?
   Convert 892 ml to l.