

# Reading scales and measuring instruments accurately

MODULE 5 · MEASURES — LENGTH, AREA, VOLUME, MASS AND CAPACITY MEASURES

## HOW TO ANSWER TODAY

- **Read a ruler.** Each big mark = 1 cm = 10 mm. Each little mark = 1 mm.

$$3 \text{ cm} + 7 \text{ mm} = 37 \text{ mm} = 3.7 \text{ cm}$$

## ★ STRETCH PROBLEMS

- 1 Tadhg is planning a row of marigolds in the school garden flowerbed. He measures the length he needs with a ruler, and the reading sits **28 cm** and **4 mm** from the start of the ruler. What is the reading in cm?
- 2 On the 5th class nature walk through the local park, Cian finds a small oak leaf and measures it against his ruler. The tip of the leaf sits **14 cm** and **6 mm** from the start of the ruler. What is the length of the leaf in cm?
- 3 Oisín measures the length of his pencil case for the 5th class school-bag rota chart. The ruler reading sits at **14 cm** and **8 mm** from the start of the ruler. What is the reading in cm?
- 4 Cian measures the length of a small notebook from his school bag using his ruler. The end of the notebook lines up **7 cm** and **6 mm** from the start of the ruler. What is the reading in cm?
- 5 Cian uses his ruler to measure how long a chocolate finger biscuit is at break time in 5th class. The end of the biscuit lines up at **14 cm** and **4 mm** on the ruler. What is the length of the biscuit in cm?