

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 While lining up at the door for yard, Cian measures the length of his new pencil against his ruler. The tip of the pencil reaches **7 cm** and **8 mm** from the start of the ruler. What is the reading in cm?
- 3 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?

A ruler reading sits 14 cm and 4 mm from the start of the ruler. What is the reading in cm?