

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

WARM-UP

- 1 Oisín is marking out a mini long-jump take-off line in the yard with a ruler. The chalk mark sits **1 cm** and **4 mm** along from the start of the ruler. What is the reading in mm?

A ruler reading sits 1 cm and 4 mm from the start of the ruler. What is the reading in mm?
- 2 Oisín is building a model bridge from lollipop sticks for STEM week in 5th class. He measures one of the support pieces with his ruler and the end of the stick lines up at **3 cm** and **8 mm** from the start. What is the length of the stick in mm?

A ruler reading sits 3 cm and 8 mm from the start of the ruler. What is the reading in mm?

PRACTICE

- 1 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?
- 2 Tadhg is painting a banner for the Cumann na mBunscol GAA finals day. He measures the width of the green stripe along the bottom of the banner, and his ruler shows it stretches **12 cm** and **4 mm** from the edge. What is the reading in cm?

CHALLENGE

- 1 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?
- 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?