

DOOR HEIGHT SURVEY ENTRY

- 1 Anchor your guess to your known height of **1.4 m**.
- 2 The door looks a little taller than you, so estimate **2 m**.
- 3 Measure next and read the actual decimal height to write beside the estimate.

 WARM-UP

Estimate each length, then measure it with your ruler.

Object	Estimate (cm)	Actual (cm)
Your pencil		
Your copybook, long side		
Your hand span		

1. Write each estimate in centimetres before you pick up the ruler.
2. Measure to the nearest millimetre and write it as a decimal, like 9.6 cm.
3. Ring the estimate that came closest to its actual length.

 PRACTICE

- 1 You are about **1.4 m** tall. Make a sensible guess anchored to your height for how tall the classroom door is.
- 2 A pencil reaches between the **14 cm** and **15 cm** marks on the ruler. What decimal reading do you write as actual?
- 3 A full water bottle in the classroom holds half a litre. Write this capacity as a decimal for the survey.
- 4 The classroom scale pointer for a schoolbag sits at four tenths and two hundredths. What decimal mass do you record?
- 5 You know a water bottle is about **0.5 kg**. Estimate the mass of a schoolbag before you put it on the scale.

? ALWAYS, SOMETIMES, NEVER

Always, sometimes or never true? Write A, S or N.

- A good estimate is anchored to something whose size you already know ☐
- The actual value in the survey is read as a decimal from the instrument ☐
- An estimate is exactly the same number as the measured actual ☐
- You write the estimate column after you finish measuring ☐

IRISH FACT How wet is Ireland really?

Ireland's average annual rainfall is about **1,230 mm** — but the west of the country gets close to **2,000 mm** while the east often stays under **800 mm**.

Met Éireann climate normals (1991–2020)

