

Real-life decimals – class survey

MODULE 1 · PLACE VALUE AND THE DECIMAL NUMBER SYSTEM **NUMBER**

HOW TO ANSWER TODAY

- **Compare or order.** Compare one place at a time, starting from the LEFT. Use $<$ (less than), $>$ (greater than), or $=$ (equal).
 $3.45 < 3.54$ · Smallest $\rightarrow$ largest: 0.7, 0.71, 1.07
- **Round to nearest....** Look at the digit ONE place to the right of where you're rounding to. 5 or more $\rightarrow$ round up; less than 5 $\rightarrow$ keep.
7.34 to nearest tenth $\rightarrow$ 7.3 (the 4 is less than 5). · $7.36 \rightarrow 7.4$.

Insert $<$, $>$ or $=$

- a. $7 \square 6$ b. $9.3 \square 8.9$ c. $2.6 \square 5.1$ d. $5.9 \square 9.9$

 PRACTICE

- 1** The tuck shop float at the end of break shows **23.96** on the calculator after Síle totals the coins. She needs to round the figure to one decimal place for the weekly tally sheet. What is **23.96** rounded to the nearest tenth?

- 2 The 5th class raffle for the Christmas hamper raised €24.37 in coins from the yard collection. Saoirse rounds the total to the nearest tenth of a euro to write a tidy figure on the noticeboard. What is 24.37 rounded to the nearest tenth?

Round 24.37 to the nearest tenth.

CHALLENGE

- 1** At break time, Cian works out that each pupil's share of the biscuit packet costs **19.193 cents** on his calculator before rounding. Round **19.193** to the nearest hundredth.

- 2 The school weather chart logs the rainfall on four wet days in October as 4.8 mm, 2.963 mm, 5.83 mm and 8.404 mm. Order the rainfalls from smallest to largest.

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)

