

Ordering a set of decimals

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 → largest: 0.7, 0.71, 1.07

STRETCH PROBLEMS

- 1 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.
- 2 Three pupils in 5th class check how much they each spent at the SuperValu deli for the class picnic. Niamh spent **€9.40**, Aoife spent **€4.88** and Tadhg spent **€6.89**. Order the amounts from smallest to largest.
- 3 Three pupils in 5th class run a sponsored cycle for Cumann na mBunscol. Cian cycles **9.66 km**, Saoirse cycles **7.15 km** and Oisín cycles **9.44 km**. Order the distances from smallest to largest.
- 4 On the coach trip to the Burren, the teacher records the rainfall in millimetres at three stops along the way: **4.80 mm** at Ennis, **9.84 mm** at Lisdoonvarna and **7.32 mm** at the Burren visitor centre. Order the rainfalls from smallest to largest.
- 5 On the coach trip to the Burren, 5th class log the rainfall in millimetres on three different days of their nature project. The amounts recorded are **7.02 mm**, **1.83 mm** and **4.03 mm**. Order the rainfalls from smallest to largest.