

Decimals on the number line to thousandths

MODULE 1 · PLACE VALUE, DECIMALS AND THE 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
- **Decimal places.** Tenths is the first digit after the point, hundredths the second, thousandths the third.

★ STRETCH PROBLEMS

- 1 Cara checks the school weather chart after four wet mornings. The rainfall readings are **1.500 mm**, **1.45 mm**, **7.998 mm** and **1.845 mm**. Order the rainfalls from smallest to largest.
- 2 During Camogie training under the floodlights, the coach sets out four cones at **7.783 m**, **3.345 m**, **7.02 m** and **1.020 m** from the sideline. Order the distances from smallest to largest.
- 3 6th class are making sandwiches for their class picnic. The three fillings cost **€9.33**, **€7.62** and **€1.56**. Order the costs from smallest to largest.
- 4 On the coach trip to the Burren, Cian's GPS app shows the bus has travelled **4.191 km** since the last stop. Between which two whole kilometres does **4.191** sit on the number line, and which whole kilometre is it closer to?
- 5 The school weather chart logged the rainfall at the GAA pitch on four days last week as **9.40 mm**, **7.753 mm**, **6.89 mm** and **6.26 mm**. Order the rainfalls from smallest to largest.