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.