One whole, ten parts: introducing tenths

MODULE 1 · PLACE VALUE AND THE DECIMAL NUMBER SYSTEM NUMBER

HOW TO ANSWER TODAY

- **Decimal places.** Tenths is the first digit after the point, hundredths the second, thousandths the third.

  In 4.82 the digit in the tenths place is 8. In 0.345 the hundredths digit is 4.

STRETCH PROBLEMS

1. Aoife is on a school tour to Glendalough in Wicklow. The guide tells the class that one of the short walks is **4.2 km** long. In **4.2**, which digit is in the tenths place?
2. Saoirse weighs the sandwich fillings for the class picnic and the scale shows **7.2 kg**. In **7.2**, which digit is in the tenths place?
3. As 5th class line up at the door before going to the yard, the teacher points to **8.6** written on the whiteboard. In **8.6**, which digit is in the tenths place?
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. At the sleepover, Cian's best jump in the hallway long-jump game measures **3.428 m**. On a number line, between which two whole metres does **3.428** sit, and which whole metre is it closer to?