

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?



$$\frac{1}{2}$$



$$\frac{1}{2}$$

NUMBER



$$\frac{1}{2}$$

