

## Place value of decimals to thousandths

MODULE 1 · PLACE VALUE, DECIMALS AND THE 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.

- **Expanded form (decimals).** Write the decimal as a sum of its parts: ones, tenths, hundredths. Skip any part that is 0.

$4.52 = 4 + 0.5 + 0.02$  ·  $0.07 = 0.07$

## ★ STRETCH PROBLEMS

- 1 Ms Murphy marks the 5th class sprint times on a number line on the board before the pupils line up at the door for yard. Cian's time was **3.387 seconds** over the class average. Between which two whole numbers does **3.387** sit on the number line, and which whole number is it closer to?
- 2 On the 5th class tour to the Cliffs of Moher, Oisín walks **8.32 km** along the cliff path during the day. Write **8.32** in expanded form, showing the ones, tenths and hundredths parts.
- 3 At the Cumann na mBunscol blitz in the county grounds, Tadhg records that his team's average score per match is **6.96** points. Write **6.96** in expanded form, showing the ones, tenths and hundredths parts.