

Linking simple fractions and decimals

MODULE 3 · FRACTIONS AND FIRST DECIMALS 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 At Camogie training under the floodlights, Aoife's coach times her sprint between two cones at **2.9 seconds**. In **2.9**, which digit is in the tenths place?
- 2 Cian is line leader and his 4th-class line measures **5.71 m** long along the corridor wall before going to the yard. Write **5.71** in expanded form, showing the ones, tenths and hundredths parts.
- 3 After the club hurling match at the local pitch, Tadhg runs the **50 m** sprint drill in **6.96 seconds**. Write **6.96** in expanded form, showing the ones, tenths and hundredths parts.