Hundredths — a gentle first look (0.01 = 1/100)

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

TRY IT ON THE LINE

Set out each number from today's lesson in the place-value columns, then read it aloud.

Th	H	T	U

1. Write each number into the columns, one under the other.
2. Say the value of each digit (e.g. the 4 in 0 0 4 0 is four tens).
3. Make the largest and the smallest number you can from the same digits.

PRACTICE

1. On the way home from the class trip, Cian checks his change and finds **€4.09** in one pocket and **€4.90** in the other. Which pocket holds more, and how many cent are in each amount?
   Which is more — €4.09 or €4.90? How many cent are in each?
2. 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.

CHALLENGE

1. At the cinema kiosk on the 4th class trip, a small popcorn costs **€1.30** and a bottle of water costs **€1.75**. Which one costs more?
   Which is more — €1.3 or €1.75?
2. 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?