

Modelling thousandths with concrete and visual tools

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.

★ STRETCH PROBLEMS

- 1 On the school tour to the Cliffs of Moher, 6th class walk a cliff path marked as **2.401 km** long. On a number line, between which two whole numbers does **2.401** sit, and which whole number is it closer to?
- 2 During a soccer match in the schoolyard at lunchtime, Fionn kicks the ball **2.100 metres**. On a number line, between which two whole numbers does **2.100** sit, and which whole is it closer to?
- 3 Róisín packs for a sleepover and measures her sleeping bag at **1.748 metres** long. On a number line, between which two whole numbers does **1.748** sit, and which whole is it closer to?
- 4 At the Cumann na mBunscol blitz at the county grounds, Aoife's long jump is measured as **1.694 metres**. On a number line, between which two whole numbers does **1.694** sit, and which whole is it closer to?
- 5 Saoirse measures **7.317 m** of bunting for the World Book Day classroom display. On a number line, between which two whole numbers does **7.317** sit, and which whole number is it closer to?