

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.

★ STRETCH PROBLEMS

- 1 Cian buys a bottle of water for €1.93 at the tuck shop during the Cumann na mBunscol blitz at the county grounds. How should this price be written in expanded form using ones, tenths and hundredths?
- 2 Oisín unrolls his sleeping bag for the sleepover. It measures 1.47 m long. What is 1.47 in expanded form using ones, tenths and hundredths?
- 3 Aoife cuts 8.83 m of bunting to decorate the 6th class classroom for World Book Day. Write 8.83 in expanded form using ones, tenths and hundredths.
- 4 After a soccer match in the schoolyard at lunchtime, Saoirse's snack costs €1.69. How do you write this amount in expanded form using ones, tenths and hundredths?
- 5 On Tuesday Méabh empties the class charity jar and finds €9.81 inside. How do you write this number in expanded form using ones, tenths and hundredths?