Lesson 3

Reading and writing 3-digit numbers

MODULE 1 · PLACE VALUE — WHOLE NUMBERS TO 1,000 AND ROUNDING NUMBER

HOW TO ANSWER TODAY

- **Value of a digit.** Find which place the digit sits in, then write what it is worth there as a number (not the place name).
  In 3,742 the digit 7 sits in the hundreds place. Its value is 700.
- **Expanded form.** Write the number as a sum of its place values. Skip any part that is 0.
  3,482 = 3,000 + 400 + 80 + 2 · 70,050 = 70,000 + 50

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. 4th class are mapping the school orchard. Three apple trees have signs showing how many apples were picked from each last autumn: **249**, **570** and **565**. Write these numbers in order from smallest to largest.

2. On a sponsored cycle, 4th class cycle **3,772 metres** in total along the local cycle path. In the number **3,772**, what is the value of the digit **2**?

CHALLENGE

1. The school canteen sold **3,772** cartons of milk over the year, and the manager wrote the total on the noticeboard. Write **3,772** in expanded form.

2. 4th class are studying a school plan drawn on grid paper. It shows that the hall covers **2486** squares, the yard covers **7628** squares, the playing field covers **7553** squares, and the car park covers **2963** squares. Write these areas in order from smallest to largest.