

# Place value to 100 – tens and units (re-anchor)

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 On the school nature walk through the local park, 3rd class read a sign saying the park has 4,857 trees planted in total. Saoirse points to the digit 4 in the number. What is the value of the digit 4 in 4,857?
- 2 The school tuck shop sold 695 pencils, 967 rubbers and 299 stickers this term. Write these totals in order from smallest to largest.

## 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.