

Place value to 9,999 – the thousands column

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.
- **Compare or order.** Compare one place at a time, starting from the LEFT. Use < (less than), > (greater than), or = (equal).
 $3.45 < 3.54$ · Smallest → largest: 0.7, 0.71, 1.07
- **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 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?

2 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?

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 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?

