

What we already know: place value to millions

MODULE 1 · PLACE VALUE AND THE DECIMAL NUMBER SYSTEM 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.

STRETCH PROBLEMS

- 1 Saoirse reads that a popular song has been played online **4,857,083** times. What is the value of the second digit **8** in this number, reading from the left?
- 2 Saoirse reads on the noticeboard after the club hurling match that **4,821,029** fans attended GAA games across Ireland last year. In **4,821,029**, what is the value of the second digit **2**, reading from the left?
- 3 5th class are decorating a World Book Day display board with the total number of words read by all the pupils in the school this term: **6,204,109**. What is the value of the digit **2** in this number?
- 4 Tadhg looks at a poster on the school noticeboard showing that **6,055,049** people attended GAA matches across the country last season. What is the value of the first digit **5**, reading from the left?
- 5 Aoife looks at a poster on the school noticeboard about last year's GAA matches. The total attendance figure shown is **8,307,014**. In **8,307,014**, what is the value of the digit **4**?