

Place value to 10 million – reading and writing seven-digit numbers

MODULE 1 · NUMBER – NUMBER AND PLACE VALUE, NEGATIVE NUMBERS, ORDER OF OPERATIONS

NUMBER

Each digit in a whole number sits in a **place**. Reading from the right: **Units, Tens, Hundreds, Thousands, Ten-Thousands, Hundred-Thousands, Millions**. Each place is **ten times** the one to its right.

→ **3 482** → 3 thousands, 4 hundreds, 8 tens, 2 units.

→ **70 050** → 7 ten-thousands, 0 thousands, 0 hundreds, 5 tens, 0 units.

→ **1 250 000** → 1 million, 2 hundred-thousands, 5 ten-thousands, 0 thousands...

WARM-UP

The first row is done. Write the digit in each place – use 0 if the place is empty.

	Th	H	T	U
a. 3 482	3	4	8	2
b. 1 207	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
c. 905	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
d. 6 040	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
e. 8 888	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
f. 100	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

PRACTICE

- 1 On the P7 nature walk along the Lagan towpath, the class counted that **485,708** steps were logged in total on the pupils' pedometers. Write **485,708** in expanded form, with one part for each non-zero place value.

Write 485,708 in expanded form (one part per non-zero place value).

- 2 The P7 end-of-year picnic committee counted that **377,265** grains of rice were used across all the rice-salad pots prepared by P6 and P7 pupils. Write **377,265** in expanded form, with one part for each non-zero place value.

Write 377,265 in expanded form (one part per non-zero place value).

