To recognise place value to 3 decimal places.

HTh	TTh	T	H	T	O •	$\frac{1}{10}$	$\frac{1}{100}$	$\frac{1}{1000}$
					5 •	7	9	3
Hundred Thousands	Ten Thousands	Thousands	Hundreds	Tens	Ones	Tenths	Hundredths	Thousandths

This half term your child will practise recognising the place value of numbers with 3 decimal places. This will help them partition and recognise the value of a number. Below are examples of the possible questions you could give your child in order to practise these facts.

You might begin with writing the value of the underlined digit.

234.45

365.987

1,235.907

You can then move onto writing out the value of each digit in the number.

45.176

What is the value of the…

Hundredth	
One	
Ten	
Tenth	
thousandth	

Finally, children should be able to use these facts order numbers with 3 decimal places.

Place the following numbers from smallest to largest.

234.765, 176.009, 234.867, 23.860

Smallest   largest

You child could use their knowledge of these facts to solve some problems like those below.

Sort the numbers into the table.

1.901	1.665	1.799	1.909

	> 1.856	< 1.856
value > 8 in tens column		
value < 8 in tens column		

9.609	8.655	9.906	8.609

	> 8.7	< 8.7
value > 7 in tenths column		
< 70 hundredths		

Here are some links to games and resources that will help you child to develop their skills in this area.

Place Value, Maths Games for 7-11 Years - Topmarks

Partitioning, Place Value and Rounding - Mathsframe