

# Maths Mastery

Place Value Number Problems



# 87 000

It is 3000 less than 90 000.

It is 13 000 less than 100 000.

It is made of 87 thousands.

It is made of 870 hundreds.

Count backwards in ten thousands. Write the 6<sup>th</sup>, 7<sup>th</sup> and 8<sup>th</sup> numbers to which you come.

27 000, 17 000, 7 000

What would happen if you wrote the number with Roman Numerals?

LXXXVMM

Write a similar set of questions for a partner.

Hide  
Answers

# What's the Temperature?

Here is a table showing the temperature each morning for a week.

Day	Mon	Tues	Wed	Thurs	Fri	Sat	Sun
Temp (°C)	-4	3	-2	-1	8	6	0

1. When was the coldest morning? **Monday**
2. When was the warmest morning? **Friday**
3. Which morning saw the largest change in temperature from the previous morning? **Friday**
4. Place the temperatures in order from lowest to highest?

**-4, -2, -1, 0, 3, 6, 8**

Create your own table of temperatures and write some questions for a partner.

Hide  
Answers

# The Population

The population of the UK in 2011 was:

1. Round each total to nearest one million.
2. Round the population of Wales and Northern Ireland to the nearest 100 000. What is the difference?

$$3\,100\,000 - 1\,800\,000 = 1\,300\,000$$

<b>England</b>	53 012 456	53 000 000
<b>Wales</b>	3 063 456	3 000 000
<b>Scotland</b>	5 295 000	5 000 000
<b>Northern Ireland</b>	1 810 863	2 000 000
<b>United Kingdom</b>	63 181 775	63 000 000

Write some of your own questions.

Hide  
Answers

# 293 293

Write the number in words.

Two hundred and ninety three thousand,  
two hundred and ninety three.

It is 6707 less than 300 000.

It is 706 707 less than 1 000 000.

It is made of 29 ten thousands and 3293

It is made of 293 thousands and 293

Count forwards in hundred thousands. Write the 7<sup>th</sup> and 8<sup>th</sup>  
numbers to which you come.

993 293, 1 093 293

Using another 6 digit number, write some questions for a  
partner.

Hide  
Answers

