

Number and Place Value



Maths | Number and Place Value | Read and Write Numbers | Lesson 6 of 7: Number Comparisons

Need a coherently planned sequence of lessons to complement this resource?

Assessment Statements By the end of this unit; children working lowards the expected level will be able to:		Introduction The characteristic in the trade white value depiction and any management in the control of the control	Number and Place Value Justice of the optimized o						
read and write numbers up to 100 000; identify the value of each clight in a number up to 100 000 using place value grids and counters; recognize concrete and visual representations of numbers with one decimal place;	able to: childree working at the expected level will be read and write most numbers up to 1 0 er up to identify the value of most digits in to 1000 000. use concreav, visual and abstract report help identify numers with most obstract.								
Voter motors up to 100 000; Order motors up to 100 000 wings the greater Data and feas to an synthesis; Order motors to an one of the second synthesis; Order motors to an one of the nexest 10, 100, 1000; Order motors and a number free, calculate intervals; recompare and order registree numbers using a number line; order motors to an one of the second synthesis; recompare and order registree numbers using a recompare of the vith motoscance; oper of the vith motoscance of the vith motoscance of the vith motoscance of recompare written in Romen numerials using a recol Roman numerials recomprises recompare written in Romen numerials using a recompare solution recompare written in Romen numerials using a recompare solution recompare	order most numbers up to 000 000 organie most numbers up to 1000 100 organie most numbers up to 1000 to greater than and leas than symbols. outof numbers up to 1000 000 to the lea toot, 100000 telfto a number ocount backwards and forwards across rumber I has; ocompare and order negative numbers.		Autumn	Number: Place Value	Number: Addition and Subtraction	Week 6 Week 7 Statistics	Week 8 Week 9 Number: Multiplication and Division	Week 10 Week 11 Perimeter and Area	Consolidation
	suche uge appropriate problems negutive numbers; count forwards and backwards in step of 10; read Roman numerals up to 1000 (M); identry yeas withen in Roman numerals; sohe reasoning problems using all of the c		Spring	Number: Multiplication and Division		Number: Fractions		Number: Decimals and Percentages	Consolidation
			Summer	Number: Decimals	Geometry: p	roperties of Shapes	Pustor Direction Direction Units Units	Converting 5	nsolidation

See our Number and Place Value Steps to Progression document.



Compare Numbers to 1 000 000



Aim

• To compare numbers to at least 1 000 000.

Success Criteria

- I can determine the value of each digit in numbers up to 1 000 000.
- I can use visual and abstract methods to compare numbers.
- I can choose a suitable method to compare numbers in a range of mathematical contexts.



Remember It



Destroy the Digits

2

The number is:

Destroy the following digits: **7**, **5**, **8**. What will the new number be?

6



Remember It



Which number is ten more than seven thousand and six?

Ten Thousands	Thousands	Hundreds	Tens	Ones
		7016		
	- 75			



Remember It



Which number is one hundred less than seven thousand?

Ten Thousands	Thousands	Hundreds	Tens	Ones
		6900		
		0700		
the second s	1.1-			





Which number is ten less than ten thousand?

Give your answer in words and digits.

Nine thousand, nine hundred and ninety or 9990.





What is one hundred more than one hundred thousand?

Give your answer in words and digits.

One hundred thousand, one hundred or 100 100.





How much less than one million is nine hundred and ninety thousand and one hundred?

Give your answer in words and digits.

Nine hundred or 900.





Which number is fifty thousand less than five hundred thousand?

Give your answer in words and digits.

Four hundred and fifty thousand or 450 000.





What is twenty thousand more than one thousand?

Give your answer in words and digits.

Twenty-one thousand or 21 000.



Greater Than and Less Than



When we compare numbers, we make decisions about which number in a set is bigger or smaller based on the value of their digits.

We can use the greater than and less than symbols to show how we have compared two or more numbers. We can also use the equals symbol to show when two numbers are the same.

Can you recall what the greater than and less than symbols look like?















































Popcorn Comparisons



Work in groups of 3 to practise using the greater than and less than symbols.

In your popcorn box, you have different types of popcorn. The yellow popcorn pieces contain the symbols whereas the white popcorn pieces contain the numbers.

Each member of the group should take a piece of popcorn – there should be 1 yellow and 2 white pieces between you.





Popcorn Comparisons



Organise your numbers and your symbol to make a true number sentence. Then take 3 more pieces of popcorn and have another go! How many true number sentences can you create using your popcorn?





Diving into Mastery

Dive in by completing your own activity!





Destroy the Digits



Which digits of the first number need to be destroyed to make the statement true?

637392 < 600302

How many possibilities can you find?



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