

Compare and Order

Notes and Guidance

Children will compare and order numbers up to 100,000 by applying their understanding from Year 4 and how numbers can be represented in different ways.

Children should be able to compare and order numbers presented in a variety of ways, e.g. using place value counters, part-whole models, Roman numerals etc.

Mathematical Talk

In order to compare numbers, what do we need to know?

What is the value of each digit in the number 63,320?

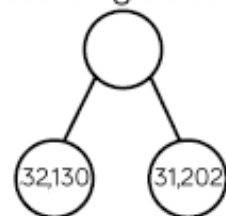
What is the value of _____ in this number?

What is the value of the whole? Can you suggest other parts that make the whole?

What number does MMXVII represent?

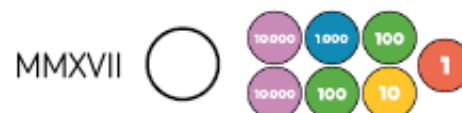
Varied Fluency

- Put these numbers in ascending order.



10,000s	1,000s	100s	10s	1s
6	3	3	2	0

- Add the symbol $<$, $>$ or $=$ to make the statement correct.



- Use six counters to make five different 5-digit numbers.



10,000s	1,000s	100s	10s	1s

Order your numbers from greatest to smallest.

Problem solving and reasoning

1.

Place the digits cards 0 to 9 face down and select five of them.

Make the greatest number possible and the smallest number possible.

How do you know which is the greatest or smallest?

Using the digit cards 0 to 9, create three different 5-digit numbers that fit the following clues:

2.

- The digit in the hundreds column and the ones column have a difference of 2
- The digit in the hundreds column and the ten thousands column has a difference of 2
- The sum of all the digits totals 19