

Maths - Year 4

Numbers and the Number System 2: Ordering and comparing numbers to 1000 and beyond

Key Vocabulary

Estimate	A good guess, close to the actual.
Place value	Relates to the value of each digit in a number e.g. hundreds, tens and ones.
Significant digit	Any of the digits of a number beginning with the digit farthest to the left that is not zero and ending with the last digit farthest to the right that is either not zero or that is a zero but is considered to be exact —called a significant figure.

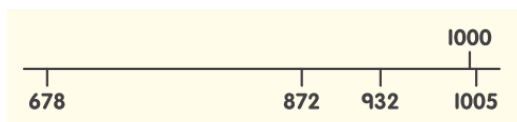
Mathematical Skills

- Describe relationships between numbers greater than 1000 and use the < and > symbols.
- Recognise and explain the significant digits when ordering 4-digit numbers.
- Recognise and use the symbol ‘-’ between two numbers to indicate a number range.
- Ask appropriate questions when seeking an unknown number to eliminate possibilities by narrowing a number range.

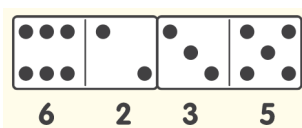
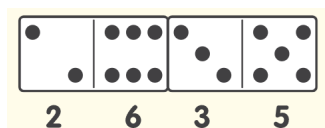
Mathematical Methods

- Writing numbers in a range e.g. 251—275, 276—300.
- Ordering 4-digit numbers within an historical context e.g. years of birth.
- Finding pages in a book e.g. trying to open a book as close as possible to page 1000 and putting the page numbers on a number line.

Name	Birth year
Queen Victoria	1819
Nelson Mandela	1918
J.K. Rowling	1965
Vincent Van Gogh	1853
William Shakespeare	1564
Sir Isaac Newton	1643

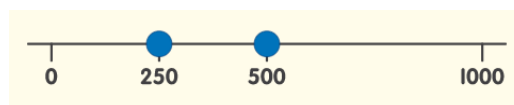


- Playing a place value domino game e.g. using dominoes to record 4-digit numbers.



6235 > 2635 and 2635 < 6235.

- Narrowing the range e.g. asking questions to guess a secret number—is the number greater than 250? Is the number less than 500?



- Finding numbers with a range e.g. the range between £1995 - £7999, thinking of the— as a subtraction sign to find the range.

Can you..?

- This letter has been delivered to house number 475 by mistake. Can you count back from 475 to the number on the letter.



- Can you order these numbers from smallest to largest?

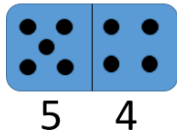
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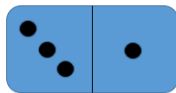
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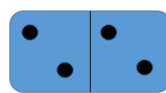
- Use the dominoes to make two different 4-digit numbers with the smallest and the largest difference. You can only use a domino once.



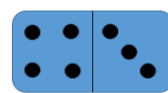
5 4



3 1



2 2



4 3