

Maths: Number and Place Value

Connected knowledge Y3

1. Find, show, read, write and estimate numbers up to 1,000:

- how to find and show numbers to 1,000 using objects
- how to find and show numbers to 1,000 using pictures
- how to find and show numbers to 1,000 on a number line
- estimate on a number line
- the place value of each digit
- how to compose and decompose numbers to 1,000 using standard partitioning
- how to compose and decompose numbers to 1,000 using non-standard partitioning
- write numbers in words

2. Find 100 more or less:

- count from 0 in multiples of 1,000
- count from any number in multiples of 1,000
- 1,000 more or less

3. Compare and order numbers to 1,000:

- compare numbers to 10,000 on a number line
- compare numbers to 10,000 using <>= signs
- the order of numbers to 10,000

4. Count in multiples of 100 and 50:

- how to count in multiples of 100 using objects
- how to count in multiples of 100 using pictures
- how to count in multiples of 100 using a number line
- how to count in multiples of 50 using objects
- how to count in multiples of 50 using pictures
- how to count in multiples of 50 using a number line

New Knowledge Y4

1. Find, show, read, write and estimate numbers up to 10,000:

- how to find and show numbers to 10,000 using objects
- how to find and show numbers to 10,000 using pictures
- how to find and show numbers to 10,000 on a number line
- how to estimate on a number line
- the place value of each digit
- how to compose and decompose numbers to 10,000 using standard partitioning
- how to compose and decompose numbers to 10,000 using non-standard partitioning
- how numbers are written in words

2. Count in multiples of 1,000 and find 1,000 more or less:

- multiples of 1,000 from 0
- multiples of 1,000 from any number
- 1,000 more or less

3. Compare and order numbers to 10,000:

- how to compare numbers to 10,000 on a number line
- how to compare numbers to 10,000 using <= signs
- how to order numbers to 10,000

4. Roman numerals to 100:

- know the value of each roman numeral symbol
- how to combine letters to read roman numerals
- how to combine letters write Roman numerals

5. Round numbers to 10, 100 and 1,000:

- how to identify the previous or next multiple of 10 using a number line to round to the nearest 10
- how to identify the previous or next multiple of 100 using a number line to round to the nearest 100
- how to identify the previous or next multiple of 1,000 using a number line to round to the nearest 1,000
- how to round numbers to 10, 100 and 1,000 without a number line