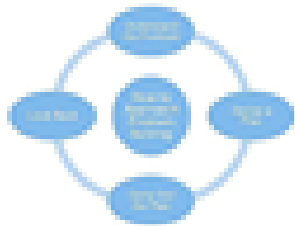


Milestone 3 Place Value and Number

Key Vocabulary

Value	Digit	Nought
Worth	Count	Number
Amount	Bigger	Sequence
Column	Smaller	Pattern
Units/ones	fewer	Most /Least
Tens	Compare	More than less than
Hundreds	Numeral	
Partition	Estimate	
Before/ After	Zero	



Write in order all the 3-digit numbers less than 400 that can be made using these digit cards.



Start with the smallest. The first one has been done for you.

335

Solve number and practical problems involving all of the ideas

RETRIEVAL GRID

Using POLYA solve multistep problems drawing upon place value knowledge

Read Roman numerals to 1000 (M) and recognise years written in Roman numerals.

Use negative numbers in context and calculate intervals across zero. Count forwards and backwards including through 0.

Round any whole number to a required degree of accuracy.

RETRIEVAL GRID

Find 10 more 10 less, 100 more 100 Less, 1000 more 1000 less 10000 more/less.

Count forwards and backwards in steps of powers of 10 to 1,000,000

Order and compare numbers up to 10 000 000.

Determine the value of each digit in any number to 10,000 000

Read and write any number to 10,000,000

Baseline

Mastery	Mastery with Greater Depth
<p>Put these numbers in order, from smallest to largest.</p> <ul style="list-style-type: none"> 3-3, 3-03, 3-33, 3-303, 3-033 5834, 61-8 multiplied by 100, one tenth of 45813 0-034, 3-6 divided by 100, ten times 0-0033 -44, -4-44, -4-04, -4-404 	<p>Eduardo says, 'The population of Mexico City is 11 million (to the nearest million) and the population of New York is 11-2 million (to the nearest hundred thousand)'. He says, 'The population of New York must be bigger than the population of Mexico City because 11-2 million is bigger than 11 million.' Do you agree with him?</p>
<p>Estimate the answer to $4243 + 1734$ by rounding the numbers to:</p> <ul style="list-style-type: none"> the nearest 1000 the nearest 100 the nearest 50 the nearest 10. 	<p>Three pupils are asked to estimate the answer to the sum $4243 + 1734$. Andrew says, 'To the nearest 100, the answer will be 5900'. Bilal says, 'To the nearest 50, the answer will be 6000'. Cheng says, 'To the nearest 10, the answer will be 5970'. Do you agree with Andrew, Bilal or Cheng? Can you explain their reasoning?</p>