

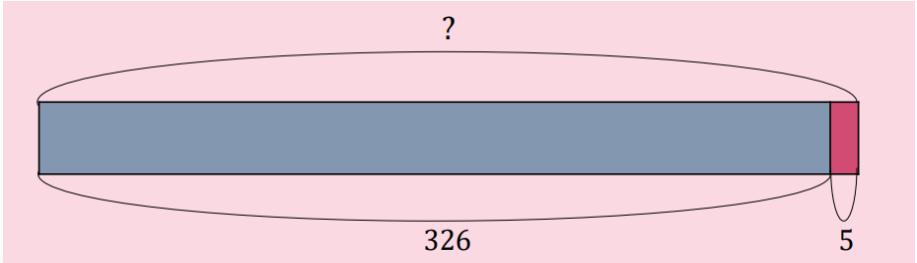
Maths, Year 3, Autumn 2

This term I will be learning and practicing

Unit 4:
Addition and
Subtraction

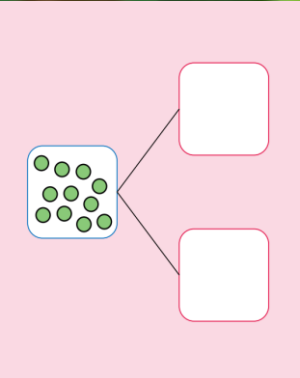
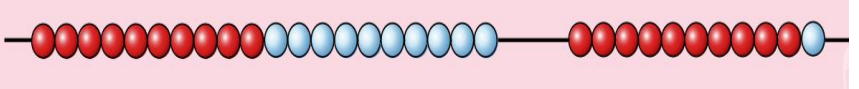
Develop and use a range of mental calculation strategies

Illustrate and explain formal written methods - column method



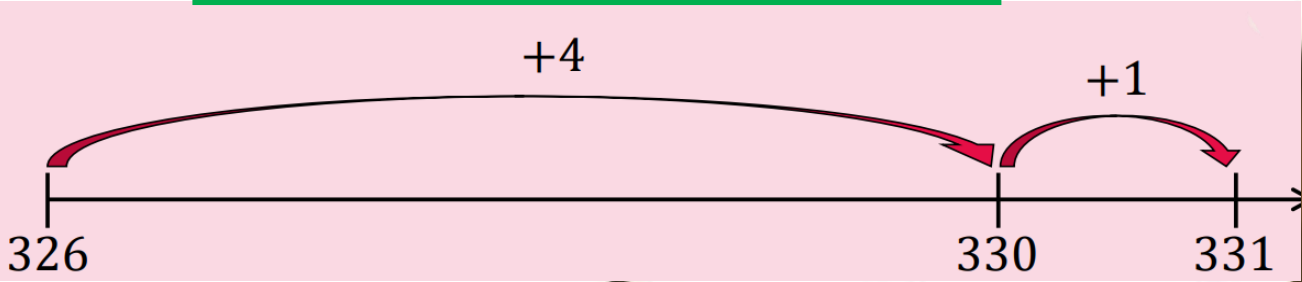
Bar model

Bead string



Part-whole model

Number line



STAR Words







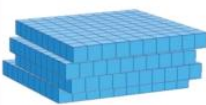


Unit 4: Addition and Subtraction

add	Carry out the process of addition.
addition	The operation to combine at least two numbers or quantities to form a further number or quantity, the sum or total. Addition is the inverse operation to subtraction.
commutative	A property of addition and multiplication. It does not matter in which order the addends or factors are added or multiplied; the result will be the same.
digit	One of the ten Arabic numerals 0 to 9, from which we compose numbers
estimate	An appropriately accurate guess, depending on the context and numbers involved,
inverse	Opposition operations that 'undo' each other.
known	A fact which has been committed to memory (or very fast recall) and can be applied fluently to various calculation strategies.
minus	A name for the symbol '-', which denotes the operation of subtraction.
multiple	The result of multiplying a number by an integer.
number bond	A pair of numbers with a given total.
partition	To split a number into two or more parts.
place value	A system for writing numbers, in which the value of a digit is defined by its position within the number.
plus	The word representing the operation of addition. It is also the name for the symbol '+'.
quantity	An amount, in some cases given a numerical value.
round	Approximate a number, normally to the nearest multiple of ten, to make it easier with which to calculate.
subtract	Carry out the process to subtraction.
subtraction	The inverse operation to addition.
sum	The result of one or more additions.
total	The sum found by adding.



$$\begin{array}{r} 343 \\ + 272 \\ \hline 515 \end{array}$$

Column method

Hundreds	Tens	Ones
		
		
		

Dienes cubes