

## Number & Place Value

I can read, write, order and compare numbers up to at least 10,000,000 (ten million) and say the value of each digit.

*I can round any number to a required degree of accuracy.*

*I can use negative numbers in context when looking at temperature or money, counting in jumps forwards and backwards through 0.*

I can solve number and practical problems that involve ordering and comparing numbers up to 10,000,000 (ten million) rounding to a required degree of accuracy, using negative numbers and calculating intervals across zero.

## Addition & Subtraction

I can mentally calculate using a mix of the four operations.

*I can solve problems with more than one step and operation and explain why I used them.*

I can solve addition and subtraction word and practical problems.

*I can use estimation to check answers to calculations and determine an appropriate degree of accuracy.*

## Multiplication & Division

*I can multiply numbers of up to 4 digits by a two-digit number using a formal written method.*

I can divide numbers of up to 4 digits by a two-digit number using a formal written method of long division, showing remainders, fractions or rounding as appropriate.

*I can divide numbers of up to 4 digits by a two-digit number using a formal written method of short division, showing remainders, fractions or rounding as appropriate.*

I can mentally calculate using a mix of the four operations and increasingly large numbers.

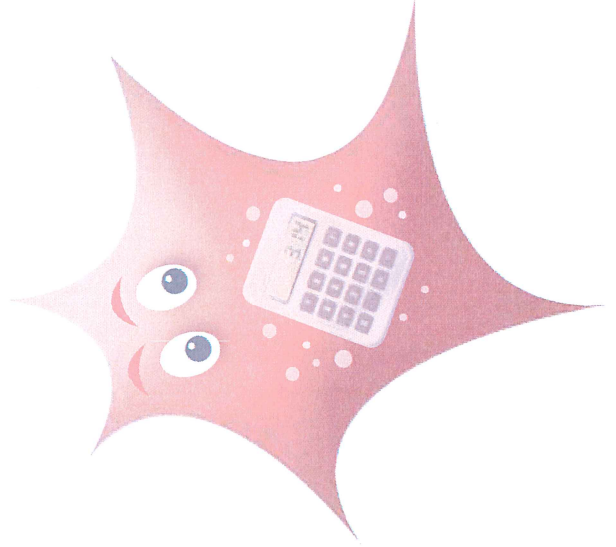
I can identify common factors, multiples and prime numbers.

I can use the order of importance of the four operations when answering questions.

I can solve addition and subtraction multi-step problems, deciding which operations and methods to use and explaining why they were suitable.

I can solve problems involving addition, subtraction, multiplication and division.

*I can use estimating to check answers and problem solving.*



## Fractions

I can use common factors and multiples to simplify fractions and express fractions in the same denomination.

I can compare and order fractions including those bigger than 2.

I can add and subtract fractions with different denominators and mixed numbers.

I can multiply simple pairs of proper fractions, writing the answer in the simplest form such as  $1/4 \times 1/2 = 1/8$ .

I can divide proper fractions by whole numbers such as  $1/3 \div 2 = 1/6$ .

I can link a fraction with division and work out decimal fractions such as  $0.378$  is  $3/8$  as a simple fraction.

I can explain the place value of any digit in a number with up to 3 decimal places and multiply or divide these by 10, 100 or 1000.

I can multiply numbers less than 10 with up to 2 decimal places by whole numbers.

*I can use written division methods for numbers with up to 2 decimal places.*

*I can solve problems which require answers to be rounded to specified degrees of accuracy.*

*I can use equivalences between simple fractions, decimals and percentages to help me solve problems.*