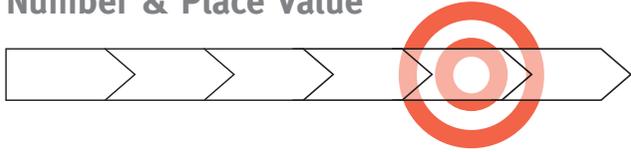
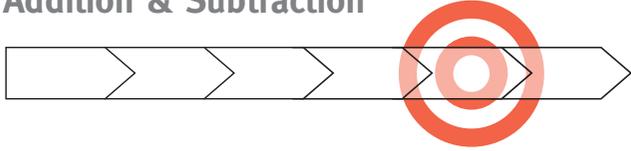


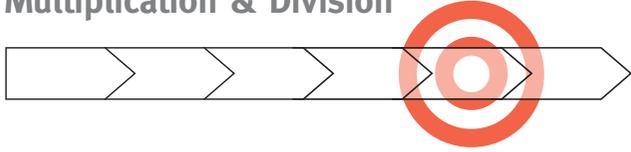
Number & Place Value



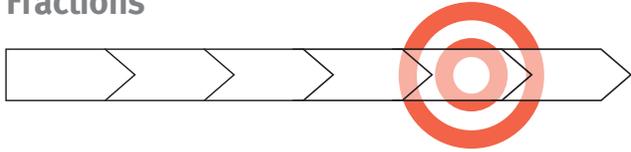
Addition & Subtraction



Multiplication & Division



Fractions



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for sticking



Band 6 - Maths Number

Number & Place Value, Addition & Subtraction,
Multiplication & Division, Fractions



Name _____

Class _____

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.

