Tick Boxes for National Curriculum Targets (England)

| Evidence Date | Year 6 Numeracy Learingat iome |
| :---: | :---: |
|  | Number - number and place value |
|  | read, write, order and compare numbers up to 10000000 and determine the value of each digit |
|  | round any whole number to a required degree of accuracy |
|  | use negative numbers in context, and calculate intervals across zero |
|  | solve number and practical problems that involve all of the above |
|  | Number - addition, subtraction, multiplication and division |
|  | multiply multi-digit numbers up to 4 digits by a two-digit whole number using the formal written method of long multiplication |
|  | divide numbers up to 4 digits by a two-digit whole number using the formal written method of long division, and interpret remainders as whole number remainders, fractions, or by rounding, as appropriate for the context |
|  | divide numbers up to 4 digits by a two-digit number using the formal written method of short division where appropriate, interpreting remainders according to the context |
|  | perform mental calculations, including with mixed operations and large numbers |
|  | identify common factors, common multiples and prime numbers |
|  | use their knowledge of the order of operations to carry out calculations involving the four operations |
|  | solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why |
|  |  |

## Number - addition, subtraction, multiplication and division

solve problems involving addition, subtraction, multiplication and division
use estimation to check answers to calculations and determine, in the context of a problem, an appropriate degree of accuracy

## Number - fractions (including decimals and percentages)

use common factors to simplify fractions; use common multiples to express fractions in the same denomination
compare and order fractions, including fractions > 1
add and subtract fractions with different denominators and mixed numbers, using the concept of equivalent fractions
multiply simple pairs of proper fractions, writing the answer in its simplest form
[for example, $1 / 4 \times 1 / 2=1 / 8$ ]
divide proper fractions by whole numbers [for example, $1 / 3 \div 2=1 / 6$ ]
associate a fraction with division and calculate decimal fraction equivalents [for example, 0.375 ] for a simple fraction [for example, 3/8]
identify the value of each digit in numbers given to three decimal places and multiply and divide numbers by 10,100 and 1000 giving answers up to three decimal places multiply one-digit numbers with up to two decimal places by whole numbers use written division methods in cases where the answer has up to two decimal places solve problems which require answers to be rounded to specified degrees of accuracy recall and use equivalences between simple fractions, decimals and percentages, including in different contexts


|  |  | * calculate the area of parallelograms and triangles |
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