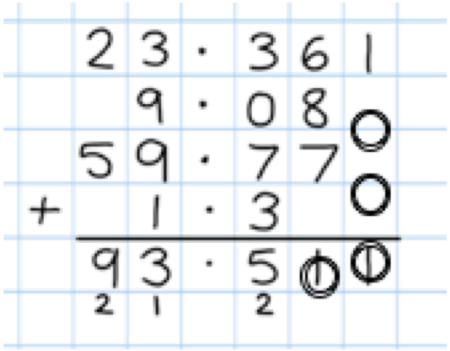
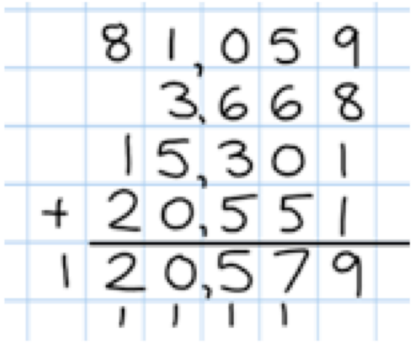
Addition

Y6

- Add several numbers of increasing complexity using columnar addition.





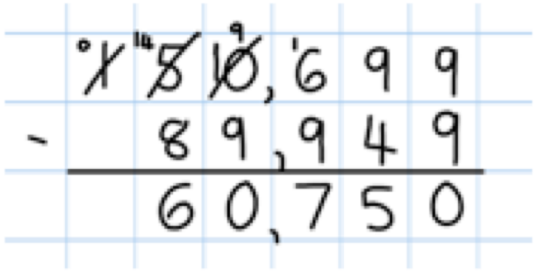
National Curriculum requirements:

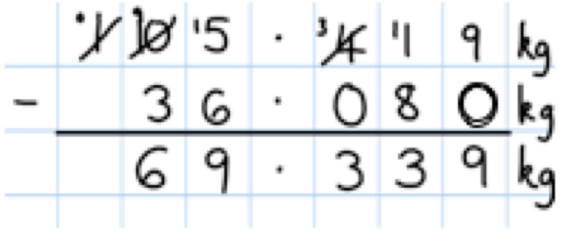
Add whole numbers with more than 4 digits, using the formal written method of columnar addition.

Subtraction

Y6

- Continue with compact columnar subtraction, including subtraction of decimals.





- Use estimation to check answers to calculations and to determine, in the context of a problem, levels of accuracy.

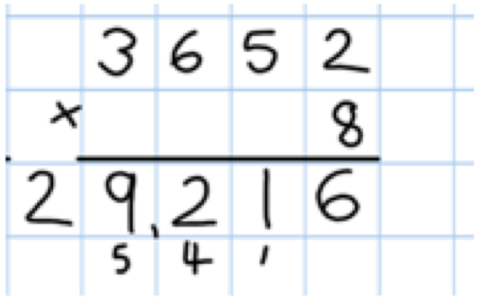
National Curriculum requirements:

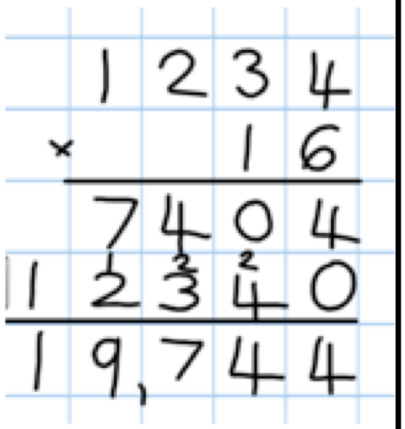
Subtract numbers with more than 4 digits.

Multiplication

Y6

- Recall and use multiplication tables up to 12x12 (Including multiplying by 0 and 1).
- Continue to practise short multiplication.
- Continue to practise long multiplication.





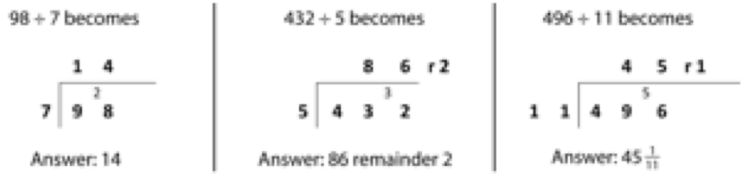
- Multiply decimals using the grid method and progressing on to short multiplication.
- Use estimation to check answers to calculations and determine, in the context of a problem, an appropriate degree of accuracy.

National Curriculum requirements:
Multiply up to 4 digits by 2 digits using the formal written method of long multiplication.
Multiply numbers by 10,100, 1000 giving answers up to 3 decimal places.

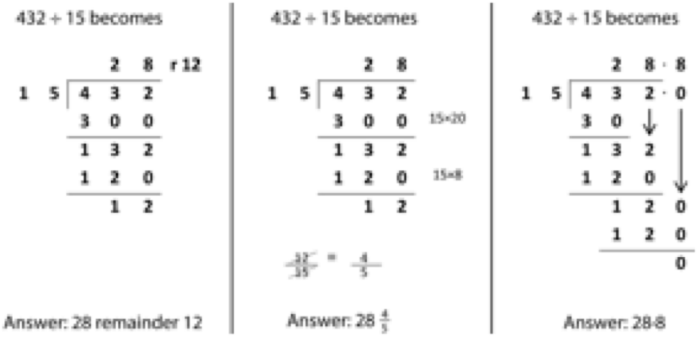
Division

Y6

- Consolidate short division.
- Children should be able to interpret remainders as whole number remainders, fractions or by rounding, as appropriate for the context.



- Introduce long division.



N.B: The above examples are taken from the National Curriculum for Mathematics appendix.

National Curriculum requirements:
Divide numbers up to 4 digits by a 2 digit number using the formal written method of short division where appropriate.
Divide up to 4 digits by a 2 digits whole number using the formal written method of long division.