Maths - Year 4

Calculating 9: Developing fluency with the column method of subtracting
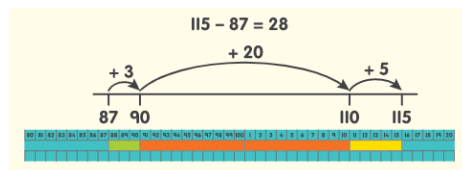
Key Vocabulary

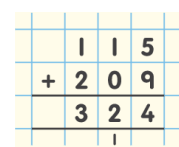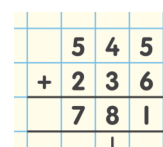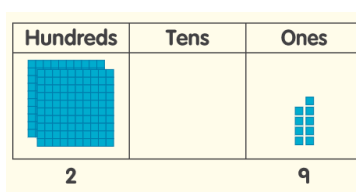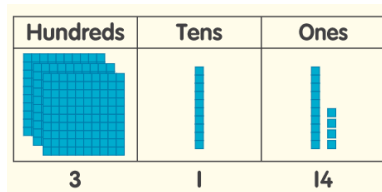|	
difference	The result of subtracting one number from another.
Exchanging and redistributing	Borrowing an amount from one place value column and redistributing it to another.
Column method	Written method for adding, subtracting, multiplying or dividing in which numbers are written in columns according to their value.
Partition	Splitting a number in different ways, usually to help with calculating, e.g. 27 can be partitioned into 2 tens (20) and 7 ones (7).
Bridging	Partitioning (splitting) the number to be added or subtracted to help with calculating

Mathematical Skills

- Use recall of adding facts to calculate the difference between two numbers.
- Use the inverse relationship between adding and subtracting to check their calculating.
- Use money notation to write amounts of pounds and pence in columns.
- Calculate a difference using a column method of subtracting.
- Exchange 1 ten for 10 units and redistribute them to the units column.
- Exchange 1 hundred for 10 tens and redistribute them to the tens column.
- Identify from the numbers in a subtracting calculation where exchanging and redistributing in needed.
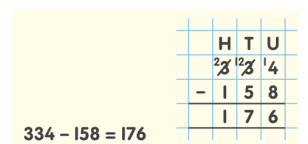
Mathematical Methods

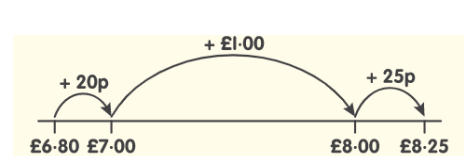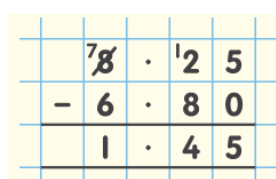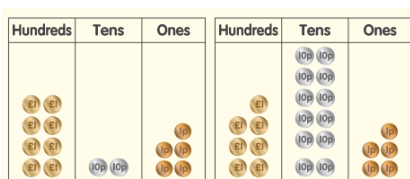- Knowing when to use a written method e.g. when exchanging and redistributing is required.

- Using the column method for subtracting e.g. 314 - 115.

- Using the column method for subtracting and redistributing hundreds and tens.

$$334 - 158 = 176$$

- Exploring the column method and money.

- Using subtracting methods to compare measures.

Can you..?

- Solve 131 - 109 =

- Complete the calculation.

$$\begin{array}{r} 43\blacksquare \\ -\ \ 243 \\ \hline 1\blacksquare 2 \\ \hline \end{array}$$

- After paying for a book with a £10 note, Shaun had £5.09 left. How much did the book cost?