Topic: Addition and Subtraction

Year 3



WRITTEN METHOD

Key learning: add two 3-digit numbers with exchange

Column addition:

Starting from the right, add each column in turn. Carry digits to the next column if the total adds to more than 9.



MENTAL METHOD

<u>Key learning:</u> Recall addition and subtraction facts for 100 (multiples of 5 and 10).

<u>RAPID RECALL</u>: in Year 3 you are expected to know automatically number bonds to 100. Here are some examples:



WRITTEN METHOD

Key learning: subtract two 3-digit numbers with exchange

Column subtraction:

Starting from the right, subtract each column in turn.



3 subtract 7 would give us a negative number, so we regroup.



MENTAL METHOD

<u>Key learning:</u> find the difference by counting up through the next multiple of 10 or 100

For example, in the calculation 200- 86 it is more efficient to count up from 86 to 200 in three steps (+4, +10, +100) than use a formal written method.



