Topic: Addition and Subtraction



WRITTEN METHOD

MENTAL METHOD

325

Key learning: add a multiple of 10 and adjust

325 + 298 = 623 (shown using a numberline)

Key learning: add whole numbers with more than 4-digit numbers

Column addition:

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



This method should be used when adding numbers CLOSE to a multiple of 10.

Example: 325 + 298 = 623 298 is close to 300 so it is more efficient to add 300 then subtract 2

+300

We've added three hundred which is

away.

623

625

two too many, so we need to take two

WRITTEN METHOD

Key learning: subtract whole numbers with more than 4-digit numbers

Column subtraction:

Starting from the right, subtract each column in turn:



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



Exchange one lot of 10, so we know have 13-7

MENTAL METHOD

Key learning: subtract a multiple of 10 and adjust

This method should be used when subtracting numbers CLOSE to a multiple of 10.

Example: 876 - 397 = 479 397 is close to 300 so it is more efficient to add 300 then subtract 2



