# As outcomes, Year 2 pupils should, for example:

## As outcomes, Year 3 pupils should, for example:

Use informal pencil and paper methods (iottinas) to support, record and explain partial mental methods, building on existing mental strategies. Discuss and compare methods and explain orally how they work.

## TU + TU, developing to HTU + TU or HTU + HTU

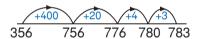
Do this first not crossing the tens or hundreds boundary, then crossing either the tens or the hundreds boundary. For example:

## A: counting on in multiples of 100, 10 or 1

$$86 + 57 = 86 + 50 + 7 = 136 + 7 = 143$$



$$356 + 427 = 356 + (400 + 20 + 7)$$
  
=  $756 + 20 + 7$   
=  $776 + 7$   
=  $783$ 



Begin to record calculations in preparation for an efficient standard method. Know that units line up under units, tens under tens, and so on.

#### B: adding the most (or least) significant digits first

$$67 + 24 = (60 + 20) + (7 + 4) = 80 + 11 = 91$$
 or:

$$67 + 24 = (7 + 4) + (60 + 20) = 11 + 80 = 91$$

83

67

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