

Addition



Tips for adding:

- Label the columns H/T/1s
- Understand the value of thousands, hundreds, tens and ones.
- Use 'exchanging' when you carry over to the tens.
- Start with the biggest number.

Resources I can use to help:

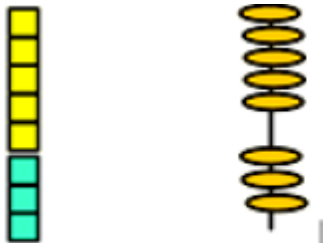
Use buttons, counters, numicon, dienes, hundred squares, draw dots (ones) and lines (tens) to represent the numbers, practice reciting the multiples.

Addition stages

- Counting objects
- Using a numberline
- Expanded method
- Column addition

Methods your children will learn....

1 Counting objects (and fingers!)



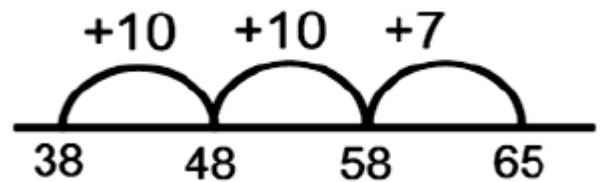
Count the total.

The calculation should be represented using number sentences.

$$5+3 = 8$$

2

On a numberline $38 + 27 =$



Add tens first ($30 + 20$), followed by ones ($8 + 7$)
 $(50) + (15 (10 + 5)) = 65$

4

The column method

$$\begin{array}{r} 367 \\ + 85 \\ \hline 452 \\ \hline 11 \end{array}$$

3 The expanded method

$$\begin{array}{r} 121 \\ + 122 \\ \hline 3 \\ 40 \\ 200 \\ \hline 243 \end{array}$$

$$200+40+3 =$$

2 4 3

