Helping your child with Maths:
ADDITION

Stage 3: Partitioning (Expanded Column Method)

$$425 + 143$$

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400	+ 20	+ 5
100	+ 40	+ 3

$$500 + 60 + 8 = 568$$

$$353 + 268 = 621$$

$$300 + 50 + 3$$
$$200 + 60 + 8$$
$$600 + 20 + 1 = 621$$
$$100 \qquad 10$$

Children partition numbers and use the column method to add. It is important that the layout of the calculation is correct to ensure accuracy. They will move on to 'carrying'.

Stage 4: Compact Column Method

$$\begin{array}{r} 34 \\ + \ 21 \\ \hline 55 \end{array}$$

$$\begin{array}{r} 3 \ 8 \\ 9 \ 3 \ + \\ \hline 1 \ 3 \ 1 \\ 1 \end{array}$$

$$\begin{array}{r} 12.3 \\ +24.2 \\ \hline 36.5 \end{array}$$

Children continue to use the column layout for their addition calculations. However, they no longer partition the numbers first. They use their prior knowledge of partitioning and place value to add the digits within the calculation. Children should estimate their answer first to be able to check their work, e.g. 21 + 48 can be rounded to 20 + 50= 70. Therefore, the children know their answer should be close to 70.