

Addition

All children should be able to use a pencil and paper method to solve simple addition.

Before completing any calculation, your child should be encouraged to estimate a rough value for what they expect the answer to be. This should be done by rounding the numbers and mentally calculating the approximate answer.

After completing the calculation they should be asked to consider whether or not their answer is reasonable in the context of the question.

Addition 3 456 + 975

Estimate 3 500 + 1 000 = 4 500

Conventional method

$$\begin{array}{r} 3\ 456 \\ + \quad 975 \\ \hline 4\ 431 \\ \small 1\ 1\ 1 \end{array}$$

An example of addition can be found on the 'vle.mathswatch.co.uk' website. The clips provide a demonstration of the method and examples to practise.

Here is information on how to find the clip on the mathswatch website.

The screenshot shows the MathsWatch website interface. At the top, there is a blue navigation bar with the MathsWatch logo on the left and 'My Work', 'Videos', 'Extras', and 'account Logout' on the right. Below the navigation bar, there is a section titled 'Assigned Work'. This section contains a sub-header 'Assigned Work' and a row of buttons: 'This Year's Work', 'All Work', and 'Showing All Types'. To the right of these buttons are two progress bars labeled 'Homework Average' and 'Test Average'. Below the buttons, the text reads 'You have no assigned work'.

Select the Videos tab at the top of the page.
Scroll down until the menu is displayed.

The screenshot shows the search results on the MathsWatch website. On the left, there is a 'Find a Clip' panel with four filters: 'Qualification' set to 'KS3', 'Standard' set to 'All', 'Topic' set to 'Number', and a 'Search' box containing the word 'addition'. On the right, there is a 'Choose Clip (2)' panel displaying a table of results:

Clip	Title
N13a	Addition - Integers (Harder Questions)
N13b	Addition - Decimals

Ensure the Topic tab is set to Number and search on addition.

There are two clips, N13a and N13b.