

27.4.20

Good morning Year 4. Here is a maths task for you to try.

Remember if you are stuck, your grown ups can email us, or if your grown ups want to share any of your amazing jobs, we would love to see them



### Warm up:

Practise your times tables. You can either play Hit the button

<https://www.topmarks.co.uk/maths-games/hit-the-button>

or see how fast you can write down each times tables pattern. For example: 2,4,6,8,10,...

## Task:

Today we are going to look at adding 3 and 4 digit numbers using column addition ( formal method)

Follow this website address and watch the videos then have a go at one of the activities

<https://www.bbc.co.uk/bitesize/articles/z6vr47h>

OR have a go at the calculations ( sums) below

1.  $342 + 123 =$
2.  $543 + 342 =$
3.  $876 + 111 =$
4.  $123 + 189 =$
5.  $768 + 324 =$
6. Make up some of your own.

**HELPFUL HINTS are on the pages below**

# HELPFUL HINTS

## Column Addition (no carrying)

1.  $345 + 121 =$

\* set out in formal method

REMEMBER to use column headings if this helps you

				a) add the <b>ONES</b>
				( $5 + 1$ )
H	T	O		b) add the <b>TENS</b>
3	4	5		( $40 + 20$ )
+	1	2	1	c) add the
				<b>HUNDREDS</b> ( $300$
				+ $100$ )

Diagram shows the addition process with arrows indicating the flow from right to left, and the final result 466.

## Column Addition ( WITH CARRYING )

1.  $347 + 125 =$

\* set out in formal method

REMEMBER to use column headings if this helps you

				a) add the <b>ONES</b> ( $7 +$
				$5 = 12$ .) The 2 ones go in
				the ones column and the 1
				ten goes underneath in the
				tens column
H	T	O		b) add the <b>TENS</b> ( $40 +$
3	4	7		$20 + 10 = 70$ ) Don't forget
+	1	2	5	the 10 that we carried!
				c) add the <b>HUNDREDS</b> (
				$300 + 100 = 400$ )

Diagram shows the addition process with arrows indicating the flow from right to left, and the final result 472. A circled 1 indicates the carry from the ones column to the tens column.