
25.1.21
L.O. I can add 3-digit numbers using expanded addition

Here is one of the examples you did last week:



We are going to continue with expanded addition, but this time look at what happens when the tens carry over to the hundreds column.


If you usually choose Spicy or Hot and you feel confident with the column method, you could try it like this:


## Remember that we can use estimation to check if your answer is sensible...

## Example 1: 52 + 76

We can round to the nearest 10 to estimate the answer:
$50+80=130$

So we know our answer of 128 is a reasonable one.

Let's do another example:


Again, if you usually choose Spicy or Hot, you could try it like this:

COLUMN METHOD
Example 2: $273+164$

So: $273+164=437$

## Remember to check if your answer is a sensible one...

## Example 1: $273+164$

This time we can round to the nearest 100 to estimate the answer:

$$
300+200=500
$$

So we know our answer of 437 is a reasonable one.

## TASK: You should try to complete two sections

| EXTRA MILD | MILD | $\underline{\text { SPICY }}$ | $\underline{\text { HOT }}$ |
| :---: | :---: | :---: | :---: |
| $14+10$ | $35+23$ | $65+32$ | $392+236$ |
| $16+4$ | $49+20$ | $92+57$ | $582+321$ |
| $24+10$ | $26+52$ | $83+36$ | $273+164$ |
| $8+12$ | $51+37$ | $243+725$ | $475+253$ |
| $12+12$ | $13+45$ | $154+273$ | $361+487$ |

Challenge: can you make up 2 different addition questions with the answer 888 ?

