

29.09.2021

LO: To use formal addition method with regrouping
(h, t, o)

Vocabulary:

ones

tens

hundreds

thousands

addition

subtraction

column

addend

sum

minuend

subtrahend

difference

inverse

commutative

regrouping



What are the characteristics of column addition?

- Numbers are written in the correct columns
- Either number can be on the top
- One digit in each column for each number
- There is an addition symbol to the left of the bottom number
- There are two straight lines for the answer to be put in
- We start calculating from the right column

David and Nancy buy drinks.

485p



130p



How much did their mum pay?

The sum of 5 ones and 0 ones is 5 ones

The sum of 8 tens and 3 tens is 11 tens

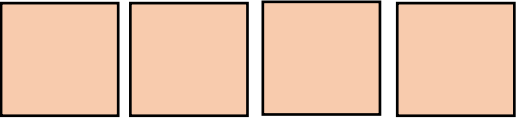
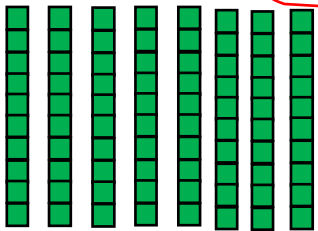


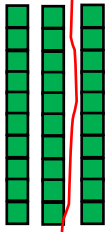
11 tens is made up for 1 hundred and 1 ten

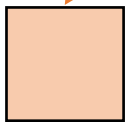
The sum of 4 hundreds, 1 hundred and 1 hundred is 6 hundreds.

$$485p + 130p$$

$$\begin{array}{r} 485 \\ + 130 \\ \hline 615 \\ \hline 1 \end{array}$$

$$615p$$

Hundreds	Tens	Ones
		
		



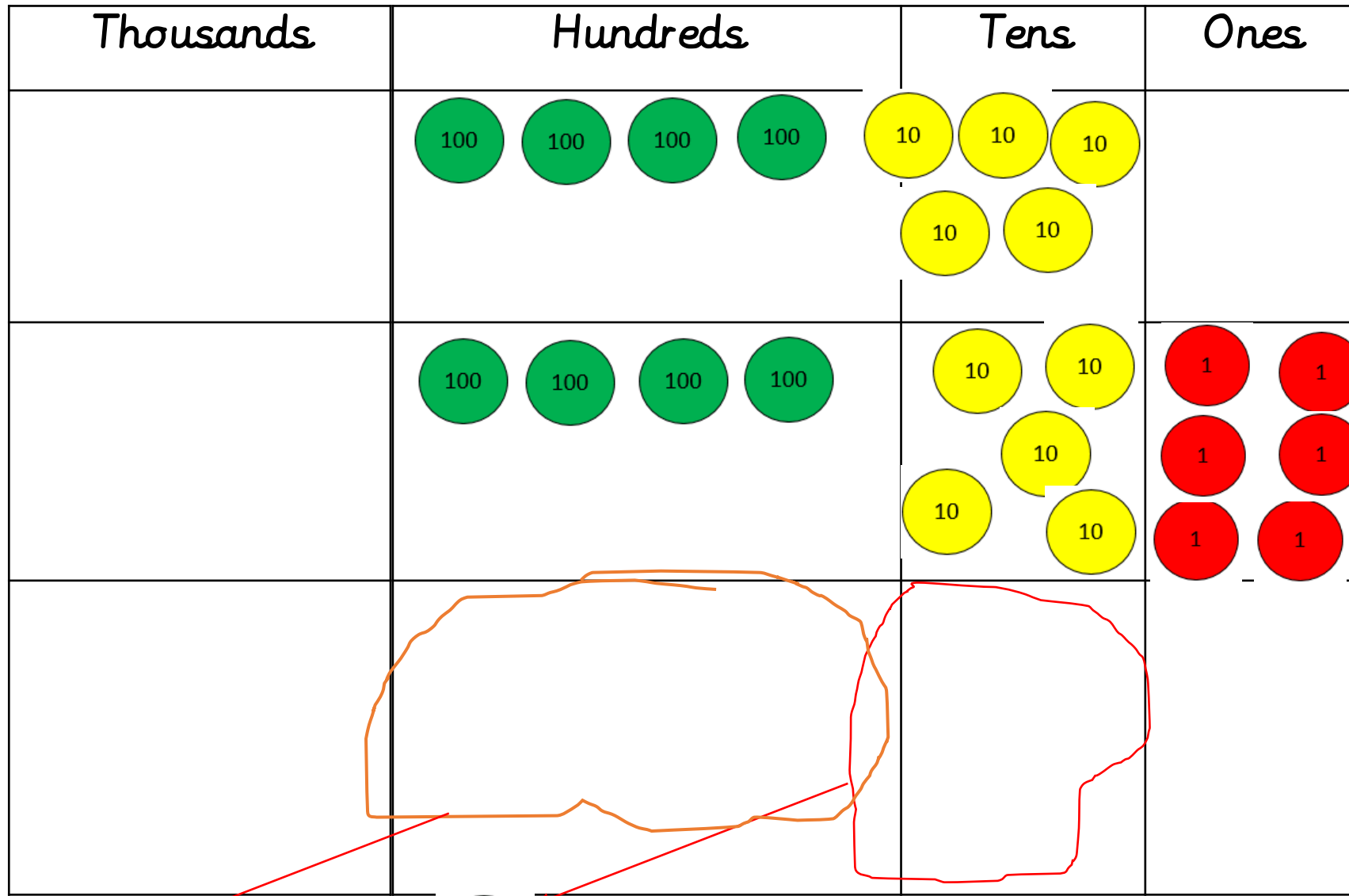
David and Nancy buy some food.

450p



556p

How much did their mum pay?



$$450 + 556$$

$$\begin{array}{r}
 450 \\
 + 556 \\
 \hline
 1006 \\
 \hline
 11
 \end{array}$$

1006p

You try 810 + 366

1000

100

The sum of 0 ones and 6 ones is 6 ones
 The sum of 5 tens and 5 tens is 10 tens
 10 tens is made up for 1 hundred and 0 tens
 The sum of 4 hundreds, 5 hundred and 1 hundred is 10 hundreds
 10 hundreds in made up of 1 thousand and 0 hundreds
 0 thousands, 0 thousands and 1 thousand makes 1 thousand

**Can you spot any regroupings? Where?
Why did the regroup occur?**

$$\begin{array}{r} 790 \\ + 430 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 797 \\ + 435 \\ \hline \\ \hline \end{array}$$

**How does this sum differ
from the one before?**