Maths

Monday 4th January 2021

Happy new year!

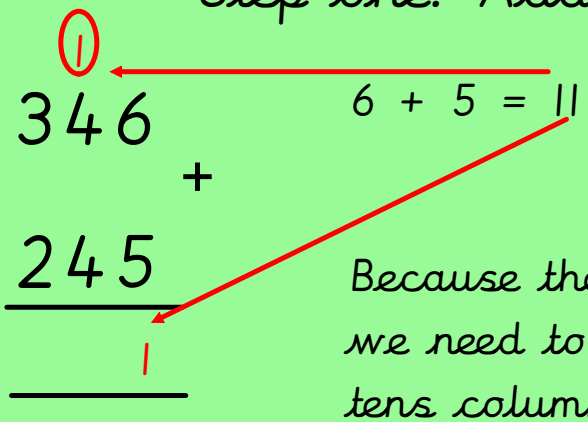
Column Addition!

04.01.2021

LO: To Use column addition and subtraction

Column addition

Step one: Add the ones!



Because the answer is above 10, we need to put our 'tens' in the tens column, and leave our 'ones' in the ones column.

Column addition

Step Two: Add the tens!

$$\begin{array}{r} {\scriptstyle (1)\ \ \ } \\ 346 \\ +\ 245 \\ \hline 21 \\ \hline \end{array}$$

4 + 4 = 8

We must not forget to add in the ten that we exchanged from the ones column too.

4 + 4 + 1 = 9

Column addition

Step Three: Add the hundreds!

(1)

346

\+

245

591

3 + 2 = 5

Column subtraction!

Column subtraction

Step one: Subtract the ones!

$$\begin{array}{r} {}^{3}\not{4}{}^{1}6 \\ -\ 227 \\ \hline 9 \end{array}$$

We cant do 6 - 7 so we must exchange a ten from the tens column and give it to the ones.

The ones calculation is now

16 - 7 = 9.

Column subtraction

Step two: Subtract the tens!

$$\begin{array}{r} \overset{3}{\cancel{4}}\overset{1}{6} \\ -\ 227 \\ \hline 19 \end{array}$$

Because we exchanged a number from our tens for the ones, our tens calculation is now

3 - 2 = 1

Column subtraction

Step two: Subtract the hundreds!

$$\begin{array}{r} \overset{3}{\cancel{3}}\overset{1}{4}6 \\ -\ 227 \\ \hline 119 \end{array}$$

3 - 2 = 1