



# Year 4 Maths Learning Sequence

## 4: Written Addition and Subtraction

(8 lessons) Rachel Ratibb 2020

28.09.2021

LO: To use formal addition with no regrouping (th, h, t, o)

Vocabulary:

ones

tens

hundreds

thousands

addition

subtraction

column

addend

sum

minuend

subtrahend

difference

inverse

commutative

regrouping



Think about the  
learning we  
have done this  
week...

Todd, Helen and Mike also did a Maths test and an English test.

They were given results and wanted to see who had done the best overall.

How could we help them?

Todd

Maths 560

English 328

Helen

Maths 425

English 461

Mike

Maths 482

English 407

# Tip - Estimation can help

*\_560\_ is approximately equal to \_600\_*

*\_328\_ is approximately equal to \_300\_*

*\_600\_ plus \_300\_ equals \_900\_*

*So \_560\_ plus \_328\_ is approximately equal to \_900\_*

*Todd*

*Maths 560*

*English 328*

*Helen*

*Maths 425*

*English 461*

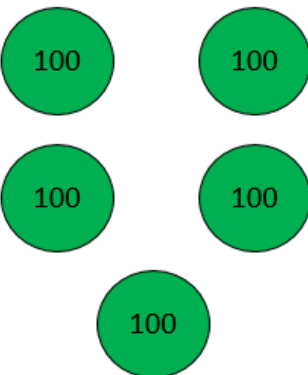
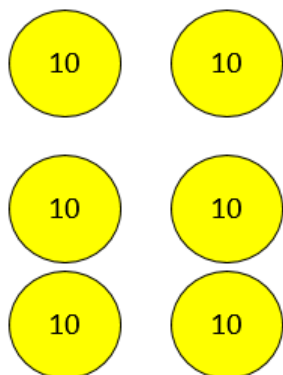
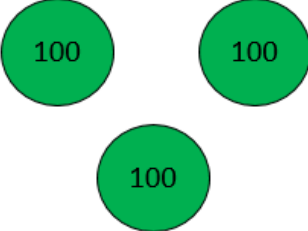
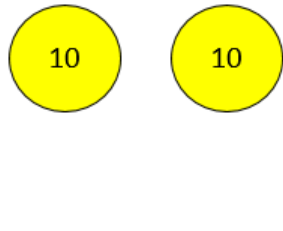
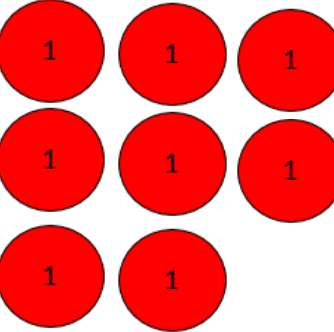
*Mike*

*Maths 482*

*English 407*

You will need your column addition frame and place value counters

Todd  
Maths 560  
English 328

	Hundreds	Tens	Ones
			
+			
<hr/>			
<hr/>			

1) Represent both addends

2) Calculate ones

0 ones plus 8 ones is 8 ones

3) Calculate tens

6 tens plus 2 tens is 8 tens

4) Calculate hundreds

5 hundreds plus 3 hundreds is 8 hundreds

5) Read the number in the answer box

Todd scored 888 points

Todd, Helen and Mike also did a Maths test and an English test.

They were given results and wanted to see who had done the best overall.

How could we help them?

Todd

Maths 3560

English 1328

Helen

Maths 2425

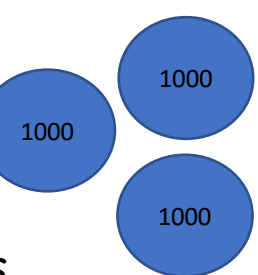
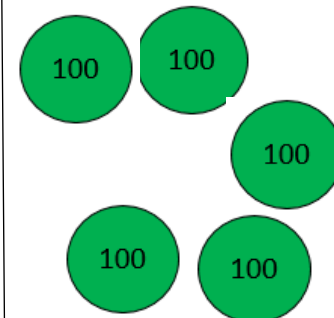
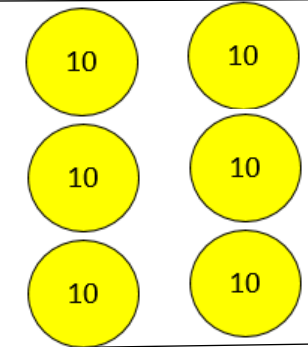

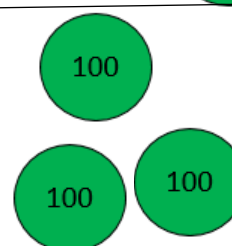
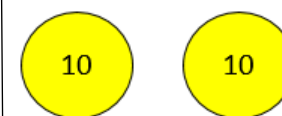
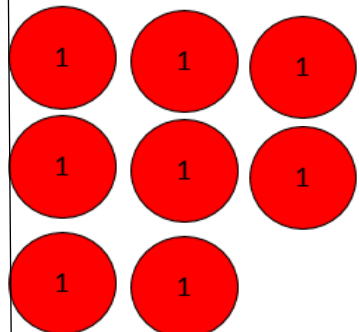
English 2461

Mike

Maths 4482

English 407

You will need your column addition frame and place value counters.

Thousands	Hundreds	Tens	Ones
			
			

1) Represent both addends

2) Calculate ones

0 ones plus 8 ones is 8 ones

3) Calculate tens

6 tens plus 2 tens is 8 tens

4) Calculate hundreds

5 hundreds plus 3 hundreds is 8 hundreds

5) Calculate thousands

3 thousands plus 1 thousand is 4 thousands

Todd

Maths  
3560

English  
1328



Todd, Helen and Mike also did a Maths test and an English test.

They were given results and wanted to see who had done the best overall.

How could we help them?

Todd

Maths 3560

English 1328

Helen

Maths 2425

English 2461

Mike

Maths 4482

English 407

Helen says if she adds her Science score to her English score she had more than Mike. Is this true?

Helen

Science 5432

History 3345

Helen

Maths 4425

English 4601

Mike

Science 3653

History 4250

Mike

Maths 4829

English 4070

In an RE test the children all scored 1211. What did they score altogether?

Todd

RE 1211

Helen

RE 1211

Mike

RE 1211

Mike calculated his PE mark and his Geography mark and got 6767 but he spilt ink on his working out and cannot work out how what he scored. How can we help him?

$$\begin{array}{rcccc} & 3 & \blacksquare & 1 & 3 \\ + & \blacksquare & 5 & \blacksquare & \blacksquare \\ \hline 6 & 7 & 6 & 7 & \\ \hline \end{array}$$

# 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