



Learning Letter - WEEK 4

W/C 11.5.2020

Year 4 - Carolina's Maths Group

Maths this week

The focus for this week's learning is **Addition and Subtraction**.

Use paper and a pencil to complete the tasks in the Word document.

You could also have a look at the videos on [Google Classroom](#) to help you understand the tasks.



Lesson 16

Learning Question: Can I subtract two 4-digit numbers with no exchange?

Steps to success:

- Write Th H T O
- Place the whole number under the correct columns
- Place the part under the correct columns. (Remember to write the correct mathematical symbol for subtracting -)
- Subtract each column - **STARTING WITH THE ONES.**

	Th	H	T	O
	3	7	2	6
-	2	5	1	3
	1	2	1	3

Task 1- Complete the calculations.

Task 2- Read the word problem, underline the key information and complete the calculation using the formal written method (column subtraction).

Challenge - What is the **total** of the counters covered?
Which counters could be used to make the missing number?

Lesson 17

Learning Question: Can I subtract two 4-digit numbers with one exchange?

Steps to success:

- Write Th H T O
- Place the whole number under the correct columns

Task 1 - Complete the calculations.

Task 2- Read the word problem, underline the key information and complete the calculation

- Place the part under the correct columns. (Remember to write the correct mathematical symbol for subtracting -)
 - Subtract each column - STARTING WITH THE ONES.
- If you cannot subtract from a number - EXCHANGE 1 Ten, 1 Hundred or 1 Thousand **from** the column on **the left**.

Exchange 1 Thousand from the Th column to the Hundreds column.

using the formal written method.

Challenge- Look at Annie's method. Do you agree with Annie's answer? Explain your answer.

Lesson 18

Learning Question: Can I subtract two 4-digit numbers with more than one exchange?

Steps to success:

- Write Th H T O
 - Place the whole number under the correct columns
 - Place the part under the correct columns. (Remember to write the correct mathematical symbol for subtracting -)
 - Subtract each column - STARTING WITH THE ONES.
- If you cannot subtract from a number - EXCHANGE 1 Ten, 1 Hundred or 1 Thousand **from** the column on **the left**.

Exchange 1 Hundred from the H column to the Tens column.

Exchange 1 Thousand from the Th column to the Hundreds column.

0 Thousands - no need to include it in the answer.

Task 1 - Complete the calculations.

Task 2- Read the word problem, underline the key information and complete the calculation. This question is a TWO-STEP problem (requires adding and subtracting).

Challenge - Work out the missing digits.

Lesson 19

Learning Question: Can I subtract in an efficient way?

Steps to success:

- Adjust the whole number and the part by the same amount.
- Use the column method to work out the subtractions.

Task 1- Adjust the whole number and the part by the same amount.

(SUBTRACT FROM THE WHOLE AND PART)

Whole part

$$7,000 - 3,582 =$$

$$6,999 - 3,581 = 3,418$$

Th	H	T	O
7	0	0	0
-	3	5	8
3	4	1	8

Th	H	T	O
6	9	9	9
-	3	5	8
3	4	1	8

Use the column method to work out the subtractions.

Task 2- Read the word problem and underline the key information. Adjust the numbers by subtracting 3 from the whole number and the part. Complete the calculation.

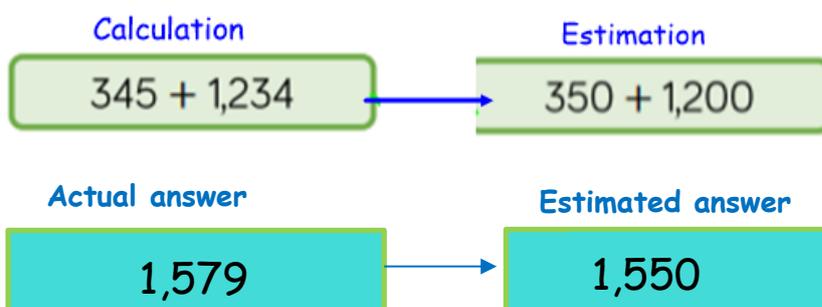
Challenge - Adjust the whole number and part by the same amount. Complete the calculations.

Lesson 20

Learning Question: Can I use my knowledge of rounding to estimate answers?

Steps to success:

- Round the numbers in the calculation to the nearest 10, 100 or 1,000
- Estimate the answer.
- Calculate the actual answer to check if you were close.



Task 1 - Round the numbers. Estimate the answer. Use the formal written method (column) to calculate the actual answer.

Task 2- What mistake has Dora made? Correct her mistake.

Challenge- Work out the actual answer. Whose estimate is more accurate? Why is that estimate more accurate?

If you need any help with your work this week, email me on Purple Mash OR send a message on Google Classroom.

Remember to keep working through your times tables too!

Good luck with your learning this week! 😊