

Learning Letter

wb 18th May

Year 3 - Mark's Maths group 3MB

Maths this week

The focus for this week's learning is **estimating and checking**.

Go to Google Classroom to find the lesson videos and the word document with the work for each lesson.

Best of luck everyone and hope you're well!

Lesson 1

Learning question:

Can you estimate answers?

Success criteria:

- I can estimate using a number line.
- I can estimate answers to calculations.
- I can solve word problems.

Task 1

1) Estimate the number the arrow is pointing to.



2) Estimate the number the arrow is pointing to.



Task 2

3)

Match each number to its 'near number'.

497	304	52	27
30	500	50	300

What is a near number for:

- 4) 22
- 5) 88
- 6) 132
- 7) 497

Task 3

Use near numbers to estimate the answers of:

- 8) $31 + 18$
- 9) $47 + 23$
- 10) $102 + 299$
- 11) $321 + 59$

Lesson 2

Learning question:

Can you estimate answers?

Success criteria:

- I can find near numbers.
- I can add and subtract mentally.
- I can reason.

Task 1

What is a near number for:

- 1) 11
- 2) 72
- 3) 59
- 4) 48
- 5) 33
- 6) 87
- 7) 103
- 8) 109
- 9) 243
- 10) 221

Task 2

Estimate answers to the following using near numbers.

- 11) $31 + 62$
- 12) $73 + 19$
- 13) $102 + 38$
- 14) $121 + 42$
- 15) $103 + 201$

- 16) $61 - 22$
- 17) $82 - 33$
- 18) $103 - 62$
- 19) $302 - 101$
- 20) $901 - 603$

Lesson 3

Learning question:

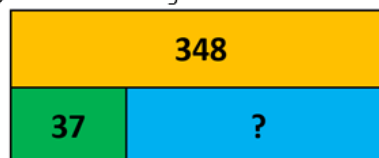
Can you check your answers?

Success criteria:

- I can use column method to add.
- I can use column method to subtract.
- I can check my answers.

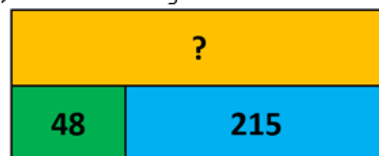
Task 1

- 1) Find the missing number.



- 2) Use an addition to check your answer.

- 3) Find the missing number.



- 4) Use a subtraction to check your answer.

Task 2

- 1) Use a subtraction to check the addition below.
 $134 + 45 = 179$
- 2) Use a subtraction to check the addition below.
 $217 + 79 = 296$
- 3) Use an **addition** to check the subtraction below.
 $374 - 32 = 342$
- 4) Use an addition to check the subtraction below.
 $645 - 28 = 617$

Lesson 4

Learning question:

Can you check your answers?

Success criteria:

- I can use column method to add.
- I can use column method to subtract.
- I can check my answers.

Task 1

- 1) A) $327 + 35$
B) Use the inverse (subtraction) to check.
- 2) A) $481 - 46$
B) Use the inverse (addition) to check.
- 3) A) $245 + 172$
B) Use the inverse to check.
- 4) A) $813 - 572$
B) Use the inverse to check.

Task 2

- 5) Marcia says that $435 + 357 = 782$.
Use the inverse to check her work.
- 6) Mark says that $829 - 472 = 457$.
Use the inverse to check his work.
- 7) Katie says that $429 + 334 = 763$.
Use the inverse to check her work.

Lesson 5

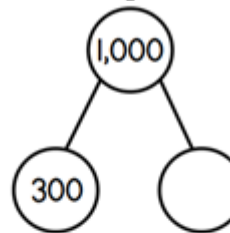
Learning question:

Can you add and subtract?

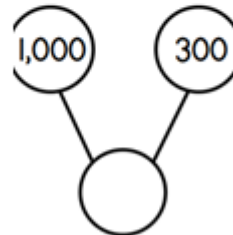
Success criteria:

- I can add with exchanges.
- I can subtract with exchanges.
- I can solve problems.

1) What is the missing number?



2) What is the missing number?



3)

Alex has 262 stickers.

He buys 6 more.

How many stickers does he have now?

4) Find the missing number:

$$522 = 8 + \underline{\quad}$$

5) Complete the calculations:

$$17 + 42 =$$

$$55 - 19 =$$

$$34 + 82 =$$

6)

Tommy makes this number.



He subtracts forty.

What is Tommy's new number?

7)

Work out $453 + 537$

You may use the counters to help

H	T	O				
				4	5	3
			+	5	3	7

8) What are the missing numbers?

				577
376	245	277		

9) Find the missing digits.

	3	8	9
+			6
		8	5

10)

Explain the mistake.

	7	4	2
-		6	7
	7	2	5

11)

Rosie wants to work out $102 - 98$ in her head.

Explain a method that Rosie could use.

Remember to keep working on your times tables too!

This week we are practising the 11 times table in lessons but keep working on the 8 and 6 times tables too!

Good luck!