

Year 3 Resources: w/b 18th May

Monday 18th May: Maths – mental addition

Guidance:

Mental methods of addition

no tens in

A mental method of addition can be used to calculate $465 + 323$.

Partition the numbers:

- Add the ones: $5 + 3 = 8$
- Add the tens: $60 + 20 = 80$
- Add the hundreds: $400 + 300 = 700$
- Then add together: $700 + 80 + 8 = 788$

	100	10	1
	4	6	5
+	3	2	3

Questions:

Calculate.

mental method work

Add these numbers mentally.

- a** $530 + 430 = \square$ **c** $453 + 524 = \square$ **e** $301 + 248 = \square$
b $460 + 460 = \square$ **d** $540 + 307 = \square$ **f** $350 + 450 = \square$

Tuesday 19th May: English – words in sentences

WORDS IN SENTENCES

Some words have more than one meaning. You need to see them in a sentence to know what they mean. Look at the words in **bold**. Then tick the correct meaning.

1. I **rose** early and sat in the garden.

a flower got up

2. I had to **duck** when the bird flew overhead.

lower my head a type of bird

3. The first **letter** I wrote was A for Anna.

a note to someone part of the alphabet

4. The first **letter** I wrote I sent to Santa.

a note to someone part of the alphabet

5. I went with the other fans to watch the **match**.

sports contest stick for lighting a fire

6. We couldn't heat up the water because no one had a **match**.

sports contest stick for lighting a fire

7. The doctor told me to go home and **lie** in bed.

a fib stretch out and relax

8. Saying he couldn't get out of bed was a lie.

a fib

stretch out and relax

9. My soft pillow was filled with down.

soft feathers

to the bottom

10. Jack and Jill would have liked a soft landing when they fell down the hill.

soft feathers

to the bottom

11. Rajeev had to wind string round his wrist to stop the kite blowing away.

wrap around

gale

12. The wind broke the string and the kite flew away on its own.

wrap around

gale

13. Derek was quite content with the mark he got in the test.

happy

what is contained inside

14. Derek was disappointed with the high sugar content of his drink.

happy

what is contained inside

15. Kathy stared at her lunch and thought it was minute.

60 seconds

tiny

16. Kathy ate her lunch so quickly, it took only a minute.

60 seconds

tiny

Tuesday 19th May: Maths – column addition

Guidance:

Formal written method of addition

Use the column method of addition to work out $367 + 529$:

Add the ones.

Add the tens.

Add the hundreds.

$7 + 9 = 16$ so carry 1 ten into the tens column.

$$\begin{array}{r} \text{100 10 1} \\ 367 \\ + 529 \\ \hline 896 \\ \text{1} \end{array}$$

Questions:

Calculate.

Choose a mental or written method.

Remember to make an estimate first.

a $134 + 147 =$

c $238 + 142 =$

e $523 + 228 =$

b $465 + 216 =$

d $569 + 319 =$

f $519 + 377 =$

Extension (Optional activity):

Think.

132	346	120
620	371	350
252	319	101

Choose 2 numbers. Add them to make:

- a** the largest sum possible
 - b** the smallest sum possible
 - c** the largest odd number possible
 - d** the smallest even number possible.
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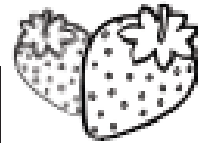
Wednesday 20th May: Maths

Add a three-digit number and hundreds (mentally)

- 1 Humma counts **108** red cars and **100** blue cars. How many cars does she count in total?

- 2 Siddiq wants to build a tower. He has **125** red bricks and **200** blue bricks. How many bricks does he have altogether?

- 3 A basket has **137** strawberries. Another has **200**. How many strawberries are there altogether?



- 4 Mrs Bright asked Isiah to work out $138 + 200 + 300$. What answer should he give?

- 5 Isiah scored **147** runs in a cricket match. Kyle and Humma scored **300** runs between them. How many runs did they score altogether?

- 6 There are **178** sheep, **200** pigs, **100** cows and **400** chickens on the farm. How many animals are there on the farm altogether?



Extension/ Challenge (optional):

Copy the grids. Use the column method of addition to find the sum of the rows and columns.

228	315	
116	239	

168	229	
326	567	

Use the column method of addition and subtraction to find the missing numbers.

?	216	?
225	?	891
764	982	

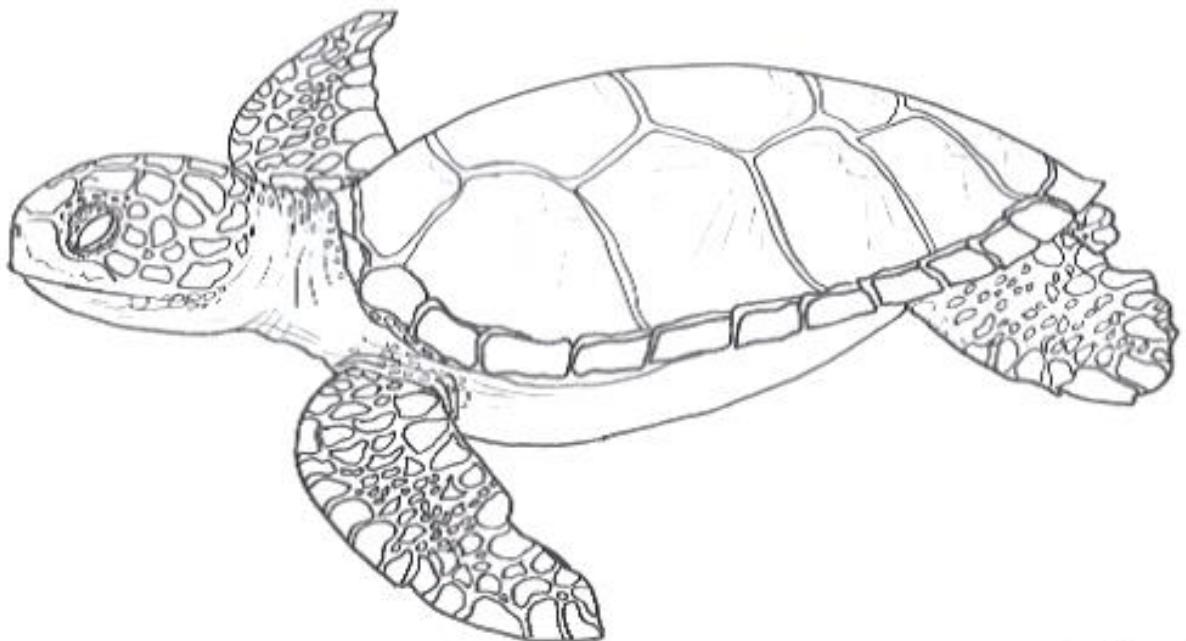
Make 1 easy and 1 difficult addition and subtraction grid for your friend. How can you check they are correct?



Wednesday 20th May: Art

Youtube link to draw a sea turtle:

https://www.youtube.com/watch?v=EwUbcXHAcDs&feature=youtu.be&fbclid=IwAR3krPoxjWzpEUMNzev-XWQ7y9yMSY6lUdjiY_l6FBNwflWjTfRSZWEz264



Thursday 21st May: Maths – Problem Solving

Choose the left hand questions (in pink) for the easier questions **OR** the right hand column (in blue) for the harder challenge.

1 What are the missing digits?

$$\begin{array}{|c|} \hline 3 \\ \hline \end{array} \begin{array}{|c|} \hline \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline \end{array} \begin{array}{|c|} \hline 5 \\ \hline \end{array} = \begin{array}{|c|} \hline 7 \\ \hline \end{array} \begin{array}{|c|} \hline 6 \\ \hline \end{array}$$

2 Annie and Ron each think of a number.



The sum of their numbers is 25
What is Ron's number?

1 What are the missing digits?

$$\begin{array}{|c|} \hline 3 \\ \hline \end{array} \begin{array}{|c|} \hline \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline \end{array} \begin{array}{|c|} \hline 5 \\ \hline \end{array} = \begin{array}{|c|} \hline 1 \\ \hline \end{array} \begin{array}{|c|} \hline 1 \\ \hline \end{array} \begin{array}{|c|} \hline 1 \\ \hline \end{array}$$

2 Annie and Ron each think of a number.



The product of their numbers is 762
Work out Ron's number.

Choose the top row of questions (in pink) for the easier questions **OR** the bottom row (in blue) for the harder challenge.

1 Here is how much it costs to go to the zoo.



Mr Jones and his 3 children go to the zoo.

How much does it cost them altogether?

2 If

$$\triangle + \triangle = 12$$

$$\heartsuit + \triangle = 19$$

What is the value of \heartsuit ?

3 What are the missing numbers?

$$\square \times 10 = 40$$

$$\square \div 10 = 7$$

- 1 The table shows the ages of people in a theme park.

Age	Number of people
Under 18	126
18 - 60	195
Over 60	38

These are the entry costs.


How much money did the theme park make from entry costs?



- 2 Given that

$$\triangle + \triangle + \star + \star = 100$$

$$\heartsuit + \heartsuit + \triangle + \star = 78$$

Work out the value of the 

- 3 What are the missing numbers?

$$\square \times 10 = 42$$

$$\square \div 10 = 42$$