



Year Four answers 6/5/20

Maths

We're still adding 2 4-digit numbers together. This time there may be more than one exchange so take care and don't forget to add the exchange on again in the next column.

Fluency

Use counters and a place value grid to calculate:

5	9	3	4
+	2	2	4
8	1	8	0

3	2	7	5
+	6	1	5
9	4	3	1

1	7	7	2
+	2	2	5
4	0	2	2

Find the total of 4,844 and 2,156

Th	H	T	O
4	8	4	4
+	2	1	5
7	0	0	0

Use <, > or = to make the statements correct.

3,456 + 789	<	1,810 + 2,436
2,829 + 1,901	=	2,312 + 2,418
7,542 + 1,858	>	902 + 8,496
1,818 + 1,999	=	3,110 + 707

Reasoning

Jack says,



When I add two numbers together I will only ever make up to one exchange in each column.

Do you agree?
Explain your reasoning.

Jack is correct.

When adding any two numbers together, the maximum value in any given column will be 18 (9+9). This means that only one exchange can occur in each place value column.

Mastery

Complete:

	Th	H	T	O
	6	?	?	8
+	?	?	8	?
	9	3	2	5

Mo says that there is more than one possible answer for the missing numbers in the hundreds column.
Is he correct?
Explain your answer.

Mastery

Mo is correct. The missing numbers in the hundreds column must total 1200 (the additional 100 has been exchanged).

Possible answers:

6338+2987, 6438+2887, 6538+2787, 6638+2687, 6738+2587, 6838+2487, 6938+2387 – Any of these can be in the addition

English

These are my answers to the questions. Notice that I've answered in full sentences and explained my thinking.

1. What does the boy find out? The boy finds out that he's not the first person to have found the camera. Many children over the years have found it and developed the photos inside. Each one takes a photo of themselves with the photograph they found. When the boy looks carefully using his microscope, he can see all the children in the tiny photographs.
2. How old do you think the camera is and why? I think the camera is about one hundred years old because the boy in the first photograph ever taken on the camera looks like he is wearing clothes from a long time ago. The women in the background of the photograph look like they are wearing the types of clothes I've seen when I've seen photos of people from around about 1900.
3. Why does he throw the camera back into the sea? The boy wants to keep the story going. He takes his own photo and adds it so that someone else can find it.
4. What do you think will happen at the end of the story? Why? I think someone else will find the camera and take their own photograph. I think this because that's what all the other children have done.

Foundation Subject – Science

Ask an adult to check that you have labelled all of the parts of your invertebrate. Next week we are going to look at how to use the different parts of the creatures to identify them.