Week beginning 21.9.20

Maths

This week we are looking at addition and subtraction.

Please complete the lessons on the following link

https://whiterosemaths.com/homelearning/year-6/week-3/

Task A

1) Use digits 1-9 to make 2 4 digit numbers find the sum of the numbers.

What is the largest number you can make?

What is the smallest number you can make?

Can you make an odd/even answer?

Can you write the answer in Roman Numerals?

Can you show all the calculations using place value counters

2) Repeat using digits 0-9 to make one 5 digit number and one 4 digit number.

3) What are the missing numbers?

	?	4	?	3	?
+	2	?	5	?	2
	7	8	5	2	9

Task B

1) You are going to subtract 2 5 digit numbers. Each digit can only be used once in your subtraction.

- What is the largest number you can make? Is there more than 1 answer?
- What is the smallest number you can make? Is there more than 1 answer?

Convince me.

2) Can you write a column subtraction where the solution contains each digit from 1-5 once only. The digits can be in any order.
Is there more than 1 solution?

3)

Rosie completes this subtraction incorrectly.

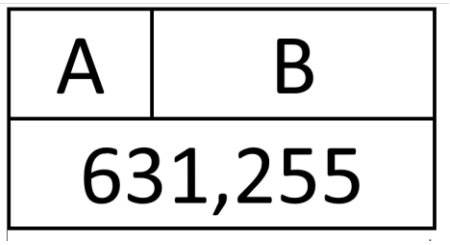
$$\begin{array}{r} 28701 \\ -\ 7621 \\ \hline 21180 \end{array}$$

Explain the mistake to Rosie and correct it for her.

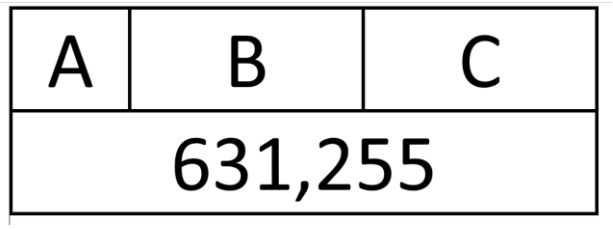
Task C

1) What could the values of A and B be in this bar model?

Give 3 different options

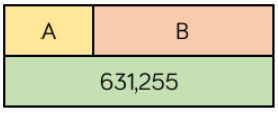


2) What could the values of A, B and C be in this bar model?



3) Can you solve this?

Here is a bar model.



A is an odd number which rounds to 100,000 to the nearest ten thousand.
It has a digit total of 30

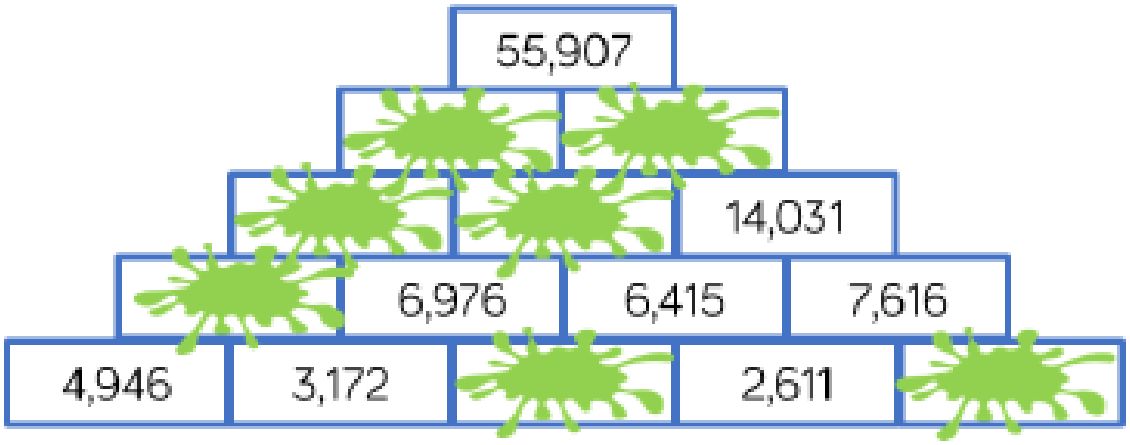
B is an even number which rounds to 500,000 to the nearest hundred thousand.
It has a digit total of 10

A and B are multiples of 5.

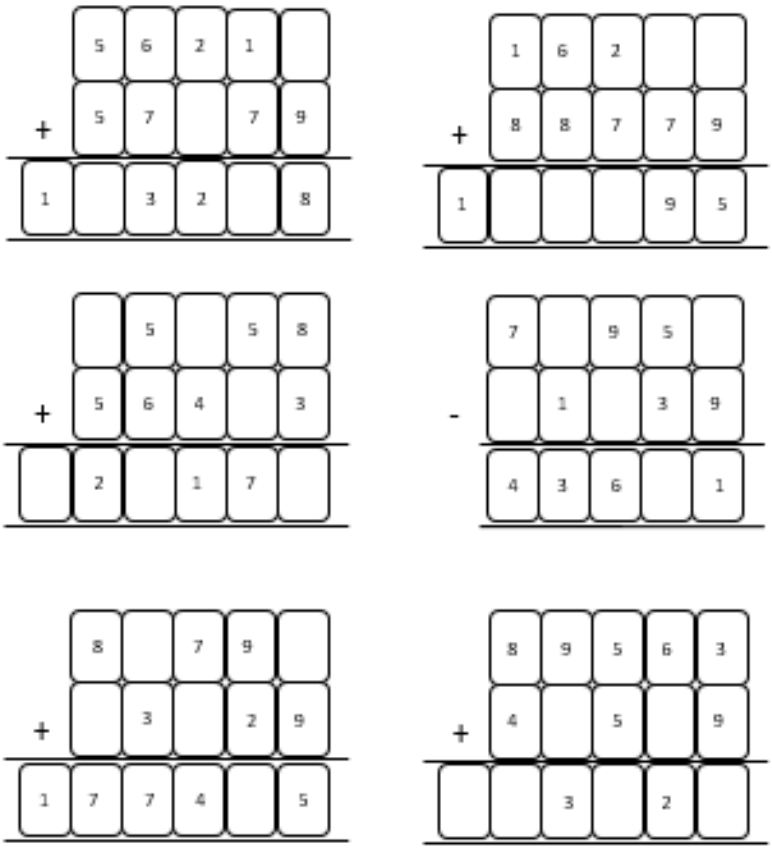
What are possible values of A and B?

Task D

1) Use addition and subtraction to find the missing values



2) Fill in the missing numbers.



Task E

How many ways?

Complete using digits 1-9. Use the 7 as shown

Level 1: I can find a way

Level 2: I can find different ways

Level 3: I know how many ways there are