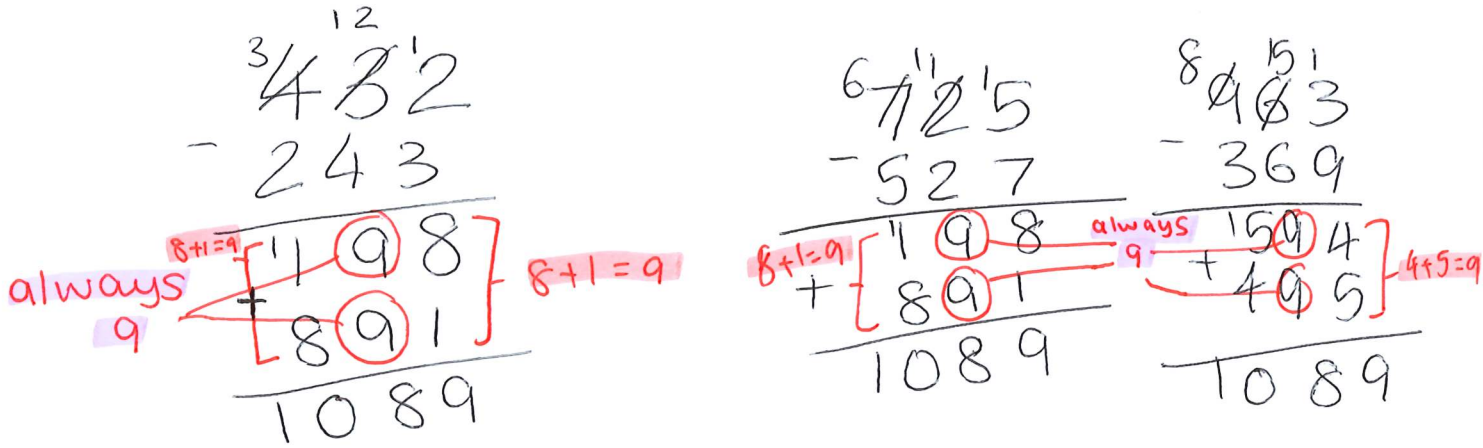
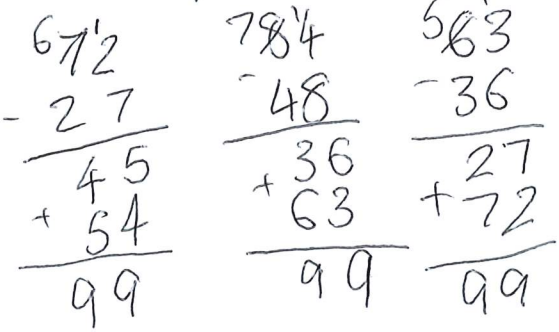
The answer after the subtraction always has 9 in the tens column. In ~~the~~ this answer, (after the subtraction) the hundreds and ones digit always add up to 9. This means, when you do the addition:

- the tens digit will be 8 ($90+90=180$)
- the ones digit will be 9 as both ones digit add up to 9
- the hundreds and thousands digit will be 10. It would be 9 (as both hundreds digit adds up to 9) However, there is a hundred digit carried over from the tens addition ($90+90=180$)



This works with 2 digit numbers aswell - it all ~~adds~~ adds up to 99:



This exception also applies to other numbers where the thousands digit is 9 and the tens digit is larger than the hundreds digit (9682, 9673)

And 4 digit numbers (adds up to 10890)