



Maths

This work is a continuation of yesterday's lesson about inverse calculations. Please also use some time today to access Times Tables Rockstars.

1) $12\ 346 + 7632 = 19\ 978$. Write all the other calculations you can make using these three numbers.



2) Can you work out my number in each of these?

a) I am thinking of a number. I add 6538 and then subtract 1697. I now have 13 574. What is my number?



b) I am thinking of a number. I subtract 9657 and then add 12 368. I now have 47 305. What is my number?



c) I am thinking of a number. I add 12 101, subtract 3914 and then add 6054. I now have 36 278. What is my number?



1) Terry has written the different calculations that can be made from each calculation. He has made some mistakes.



a) Can you identify them all?

$32\ 105 + 16\ 251 = 48\ 356$	$52\ 132 - 12\ 658 = 39\ 474$
$16\ 251 + 32\ 105 = 48\ 356$	$52\ 135 - 39\ 474 = 12\ 658$
$16\ 251 - 48\ 356 = 32\ 105$	$39\ 474 + 12\ 658 = 52\ 132$
$48\ 356 - 32\ 105 = 16\ 251$	$12\ 658 + 52\ 132 = 39\ 474$

$9865 + 15\ 366 = 25\ 231$
$15\ 366 + 9865 = 25\ 231$
$25\ 231 - 15\ 366 = 9865$
$9865 - 25\ 231 = 15\ 366$

c) Terry says subtraction can be done in any order, just like addition. Do you agree? Explain your thinking and use examples.

b) How should Terry have written these correctly?

English

Active and Passive Voice – watch the following explanation

https://www.youtube.com/watch?v=hOoF1styZm0&feature=emb_logo

Active verbs

Verbs can have an **active** or **passive** voice. When a verb is **active**, the **subject** of the sentence is doing the action. For example:

The cat sat on the mat.

Here, cat is the **subject**, sat is the **active** verb, and the mat is the object.

Passive verbs

Contrast this with the **passive** voice of the verb:

The mat was sat on by the cat.

Here, the mat is the **subject** and is suffering the action of being sat on by the cat.

Challenge:

In which voice are the following sentences from an advert written?

We have sold thousands...

Our company has slashed hundreds of prices...

Watch and read some adverts – Which voice do they use? Which modal verbs do they use?

Identify the **subject** and **verb** in each of the sentences then change the **active** sentences to **passive**.

1. The year 6 children run a tuck shop.
2. Your cat took the last biscuit.
3. Mrs Tellman organised a theatre trip.
4. The tiger gnawed at the bone.
5. Sam saw the Harry Potter film.
6. Mr Robson spoke about the playground incident.
7. The new vicar replaced Father Peter.
8. Jenny took the hamster to the vet.
9. The man painted the wall.
10. The naughty girl threw the ball at the window.



Geography

Our topic discussion question for this half term is: **Was Easington a Roman settlement?**

Carry out research to investigate this question. There are some suggested websites below.

- <http://www.durhamheritagecoast.org/our-story/history/early-history/>
- <https://durhamrecordsonline.com/library/easington-district-history/>
- <http://www.archaeologicalpractice.co.uk/pdfs/Easington%20Timeline%20A3.pdf>
- <https://www.archiuk.com/>



Explore the evidence you find and make a justified decision about whether Easington was a Roman settlement. Present this as a fact sheet, poster or piece of writing.