



### Maths

*This work is a continuation of yesterday's lesson about inverse calculations and fact families. Please also use some time today to access further tasks set on SATs Companion.*



1) Use known facts to complete these calculations.

$130 \div \underline{\quad} = 13$        $6.5 \times 10 = \underline{\quad}$

$130 \div \underline{\quad} = 6.5$        $\underline{\quad} = 6.5 \times 20$

$130 \div \underline{\quad} = 26$        $\underline{\quad} = 6.5 \times 2$



2) Make a set of similar calculations using  $110 \div 2 = 55$ .

$110 \div 2 = 55$        $27.5 \times 4 = \underline{\quad}$

$110 \div 4 = \underline{\quad}$        $110 = \underline{\quad} \times 4$

$110 \div 8 = \underline{\quad}$        $55 = \underline{\quad} \times 4$



3) Use  $4913 \div 17 = 289$  to calculate  $18 \times 289$ . Explain your working out.

1) Use this calculation to decide if the following calculations are true or false. For any false calculations, give the correct answer and explain the mistake that has been made.

$55 \times 12 = 660$	True or False?	Correct Answer	Mistakes Made
$660 \div 1.2 = 550$			
$5.5 \times 12 = 6.6$			
$5.5 \times 1.2 = 0.66$			
$66 \div 12 = 5.5$			
$120 \times 55 = 660$			

2) Rami keeps fit by doing 30 star jumps every day.

- a) How many star jumps will he have done after 5 days? Explain your working out.
- b) How many star jumps will he have done after 50 days? Give your answer and explain how you used the previous calculation to help you.
- c) Rami has completed 4500 star jumps. How many days is this? Give your answer and explain how you used the previous calculation to help you.

### English

**Active and Passive Voice** – watch the following explanation

[https://www.youtube.com/watch?v=hOoFlstyZm0&feature=emb\\_logo](https://www.youtube.com/watch?v=hOoFlstyZm0&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.