



# Home Learning Thursday 9<sup>th</sup> July



Good Morning Class 5

Here are your Maths and English tasks for today.

You can email me your completed work if you wish, tell me what you have been up to if you would like, or if you have any queries contact me via our class email.


# Maths

Thursday 9<sup>th</sup> July

L.O: To describe position  
and coordinates

## Mental Maths Starter

Try to answer as many  
questions as you can!

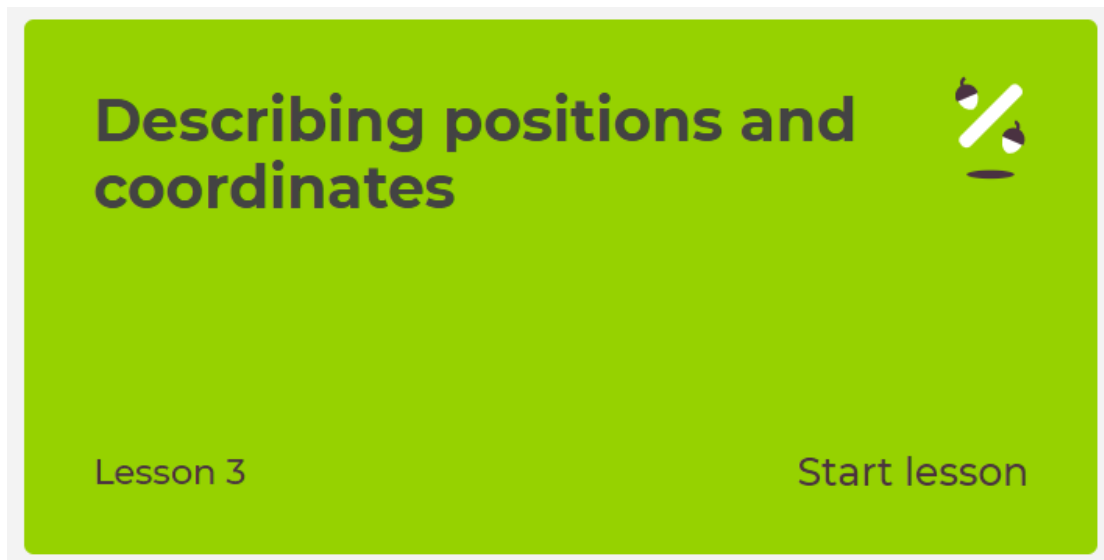
Round 4953 to the nearest hundred.	Write $4\frac{1}{3}$ as an improper fraction.	Count backwards 10 from 4. To what number do you arrive?	What number is $2^3$ ?
Calculate mentally: $2039 + 540$	Which number is not a prime number?  2 3 5 8	In the number 783 902, which digit represents the number of ten thousands?	$173 \div 100 =$
How many grams are there in 1.4kg?	Write the number 519 in Roman numerals.	Describe this angle. 	$\frac{3}{8} + \frac{1}{4} =$

We are going to continue to practise translations and describe their positions using coordinates.

Before you choose a challenge, watch this video:

<https://classroom.thenational.academy/lessons/describing-positions-and-coordinates>

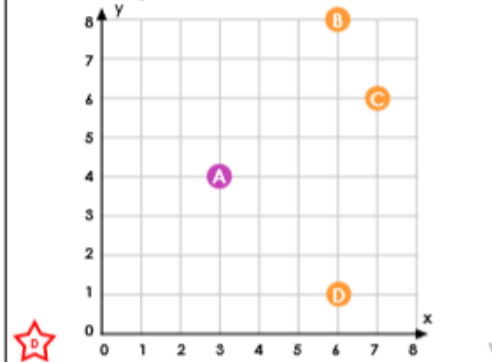
There is also an introductory and final quiz to have a go at too.



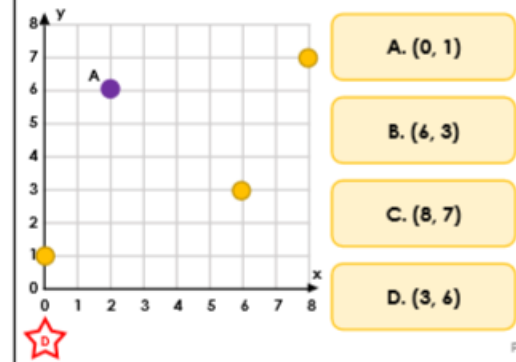
# Fantastic Challenge

Have a go at both a and b questions.

1a. Point A is translated 3 right and 4 up. What are the coordinates of the correctly translated point?



1b. Point A is translated to three new points on the grid. Which coordinate below does not match a translation?



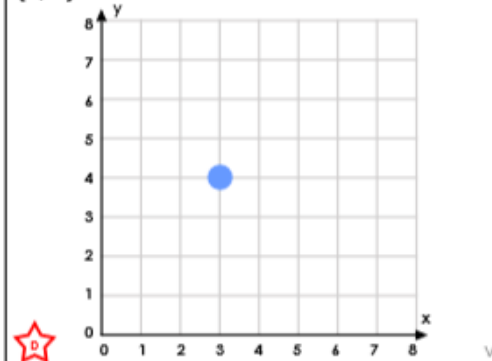
A. (0, 1)

B. (6, 3)

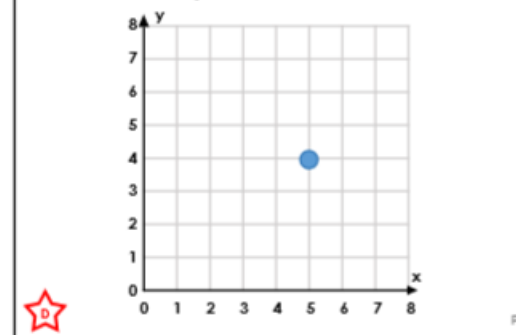
C. (8, 7)

D. (3, 6)

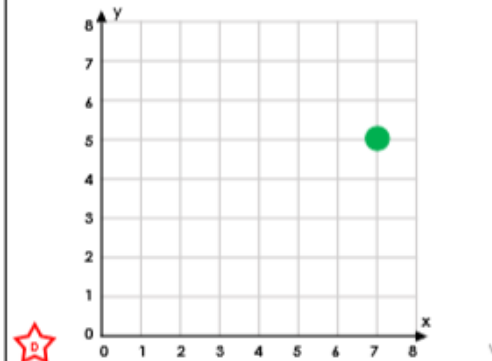
2a. True or false? If the point is translated 1 left and 2 up, the new coordinates will be (4, 6).



2b. Rahim must translate this point 3 units then 1 unit, but he can't remember the directions. What could the coordinates of the translated point be?



3a. This point has been translated 7 right and 3 up. What are the original coordinates?



3b. Georgia and Troy are translating this point 5 units left and 4 units up.

 (6, 2)

Georgia thinks the translated coordinates will be (2, 6).

Troy thinks the translated coordinates will be (1, 6).

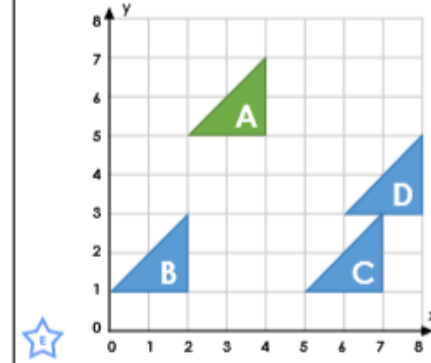
Who is correct? Explain how you know.



# Superb Challenge

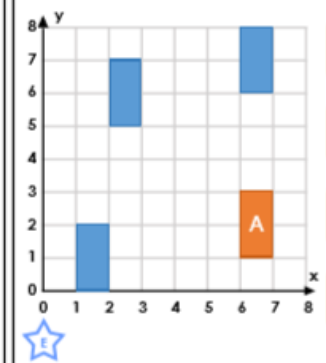
Have a go at both a and b questions.

4a. Triangle A is translated 3 right and 4 down. What are the coordinates of the vertices of the correctly translated shape?



VF

4b. Shape A is translated to three new places on the grid. Which set of coordinates does not match a translation?



PS

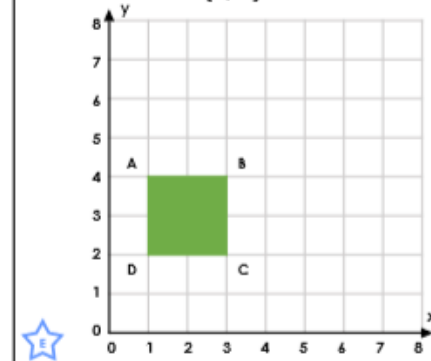
A. (2, 7) (3, 7)  
(2, 5) (3, 5)

B. (3, 4) (4, 4)  
(3, 2) (4, 2)

C. (6, 8) (7, 8)  
(6, 6) (7, 6)

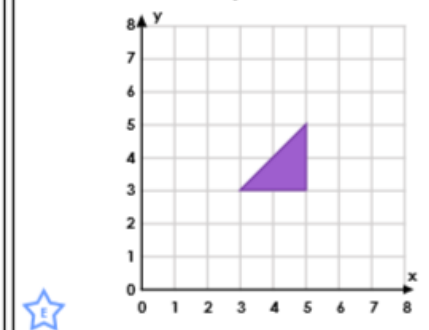
D. (1, 2) (2, 2)  
(1, 0) (2, 0)

5a. True or false? If the square is translated 1 left and 2 up, the new coordinates of vertex B will be (4, 6).



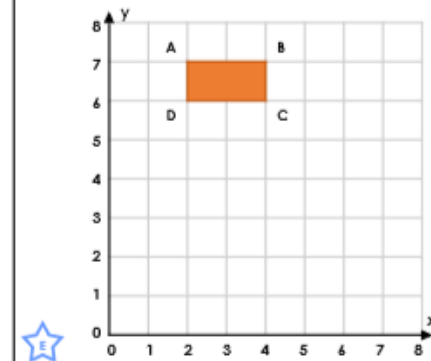
VF

5b. Lorelai must translate this shape 3 units then 2 units, but she can't remember the directions. What could the coordinates of the translated shape be?



PS

6a. This shape has been translated 2 left and 6 up. What are the original coordinates of each vertex?



VF

6b. Miles and Skye are translating this shape 4 units right and 5 units down.

A (1, 7) B (3, 7)  
C (1, 6) D (3, 6)

Miles thinks the translated coordinates of vertex B will be (7, 2).  
Skye thinks the translated coordinates of vertex D will be (5, 1).  
Who is correct? Explain how you know.

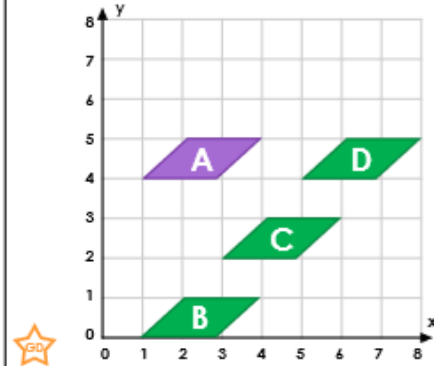


R

# Incredible Challenge

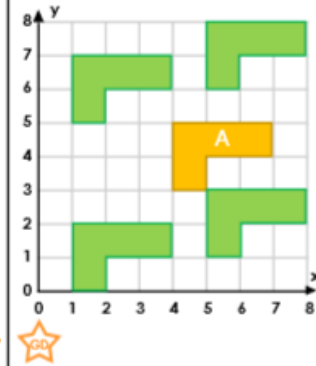
Have a go at both a and b questions.

7a. Shape A is translated 0 left and 4 down. What are the coordinates of the vertices of the correctly translated shape?



VF

7b. Shape A is translated to three new places on the grid. Which set of coordinates does not match a translation?



PS

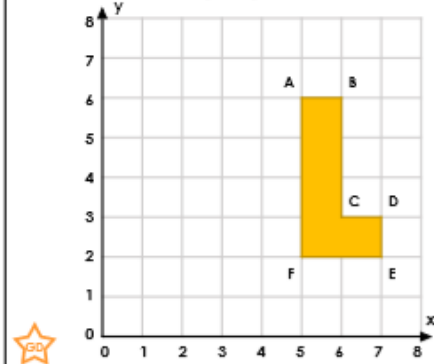
A. (1, 7) (4, 7) (1, 5) (2, 5) (2, 6) (4, 6)

B. (5, 8) (8, 8) (5, 6) (6, 6) (6, 7) (8, 7)

C. (1, 2) (4, 2) (1, 0) (2, 0) (2, 1) (4, 1)

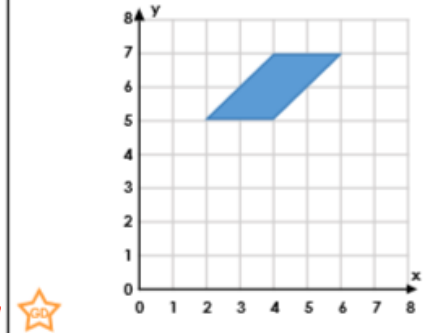
D. (5, 3) (6, 3) (6, 2) (5, 1) (8, 1) (8, 2)

8a. True or false? If the shape is translated 4 left and 1 up, the new coordinates of vertex D will be (3, 4).



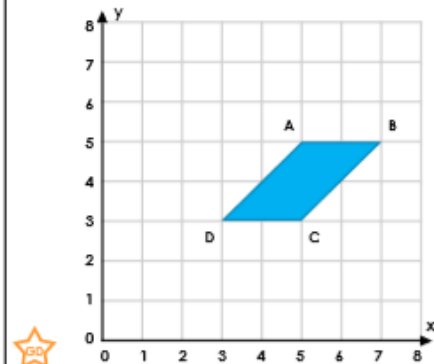
VF

8b. Kai must translate a shape 1 unit then 2 units, but he can't remember the directions. What could the coordinates of the translated shape be?



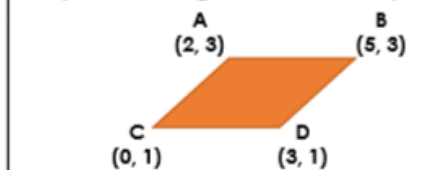
PS

9a. This shape has been translated 2 right and 3 up. What are the original coordinates of each vertex?



VF

9b. Henrietta and Ying are translating this shape 2 units right and 5 units up.



Henrietta thinks the translated coordinates of vertex B will be (2, 6).  
Ying thinks the translated coordinates of vertex D will be (6, 6).  
Who is correct? Explain how you know.



R

# English

Thursday 9<sup>th</sup> July

L.O: To explore a genre



First, practise your spellings for the week. Try to practise them in a different way. Use the spelling menu to help you think of a new way.

Today, we are going to work on **page 22**. You will need to find out about different wishing stories – use the weblinks provided. Then you can brainstorm different ideas linked to wishing stories. Try to organise your ideas into different parts e.g. objects, characters, setting, atmosphere, mood. You could brainstorm by writing notes or even drawing pictures.



Now decide on what happens in your wishing story

In my story, the wish arrived in the form of a lucky scratch card or golden ticket. Here are some objects that have been used in stories before:

Start from here

