IT'S FRIDAY AND THE SUMMER HOLIDAYS START HERE!

(Well, after you've completed today's learning!)

Or maybe it Why was the Because it had a was because maths book so lot of problems! it was the sad and school depressed? holidays?!

Answers to yesterday's warm up.

- 1. 200
- 2. 3010
- 3. £4.07
- 4. Ten
- 5.8
- 6. 15 minutes (quarter of an hour)
- 7.80
- 8. 4 metres
- 9.9
- 10.18:15

I hope you got on ok with those questions!

Do try to work out your mistake if you got any wrong...we all learn from doing this!



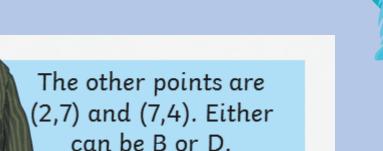
Answer to Activity 1:

(1,4) (6,4) (6,1) (1,1)

Answer to Activity 3:

(3,2)(3,6)(7,6)(7,2)

Answer to Activity 2:





Answer to Activity 4:

C could also be (8,1).

There could be an answer where the line drawn is one of the 2 equal sides of a right-angled isosceles triangle. (5,9)

SXP-A STAND STAND

You could have 'C' at:

(8,1) or

(3,4) or

(0,6) or

(5,9)

Well done if you found two solutions or more.

Answer to Activity 5a:

- (2,3)(2,9)
- (8,3)(8,9)

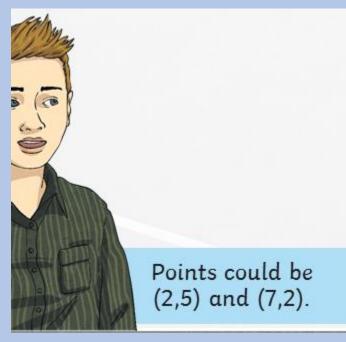
<u>5b</u>:

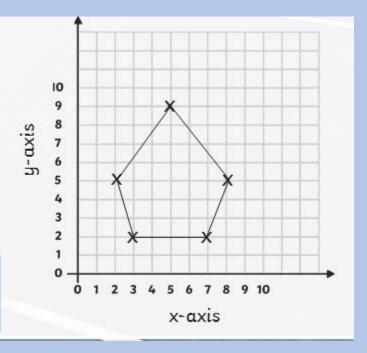
- (2,3)(2,10)
- (7,3)(7,10)

And

- (2,3)(9,3)
- (9,8)(2,8)

Answer to Activity 6:





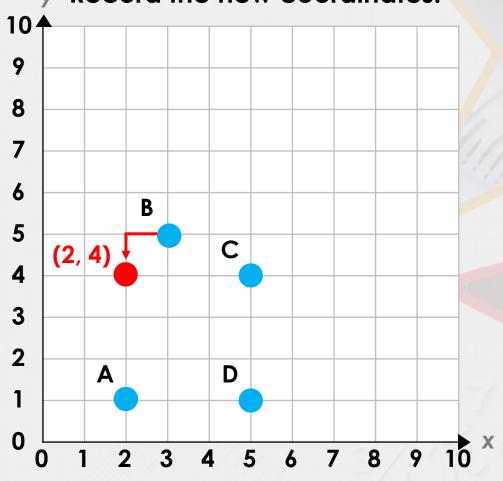
Don't forget – if you didn't quite 'get it', have a look at where you slipped up.



Answer to Activity 7:

Move <u>(translate)</u> one point to create the vertices for a square.

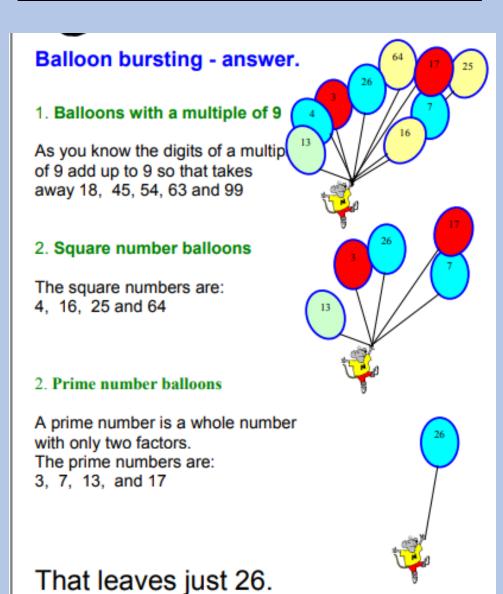
y Record the new coordinates.







Answers to yesterday's brainteaser.





Activity 1:

On the previous slides (answer to activity 7) you had to <u>TRANSLATE</u> one of the points on the grid to create a square.

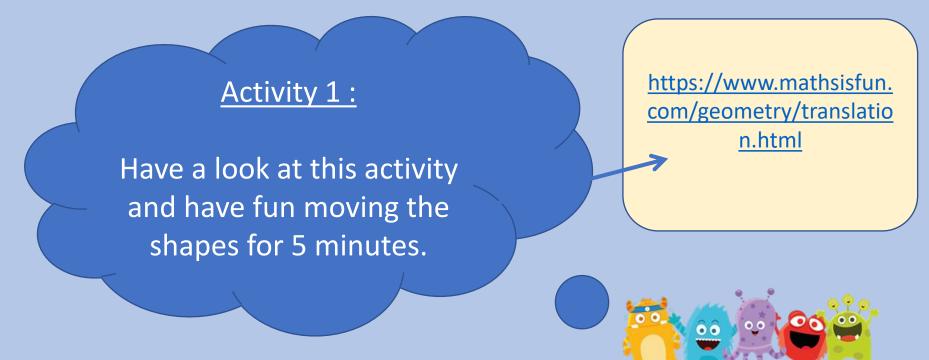
In your workbooks, write down what you think TRANSLATE means in mathematics.

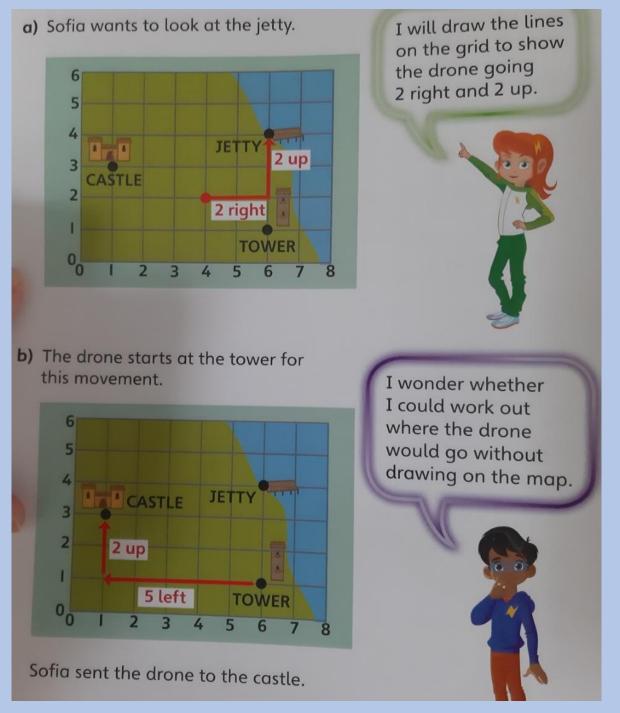


Introduction answer:

We are going to look at TRANSLATIONS in maths today. When you translate a coordinate in maths, you MOVE it. You don't change it in any way. You just move it or slide it.

Did you get that definition correct?

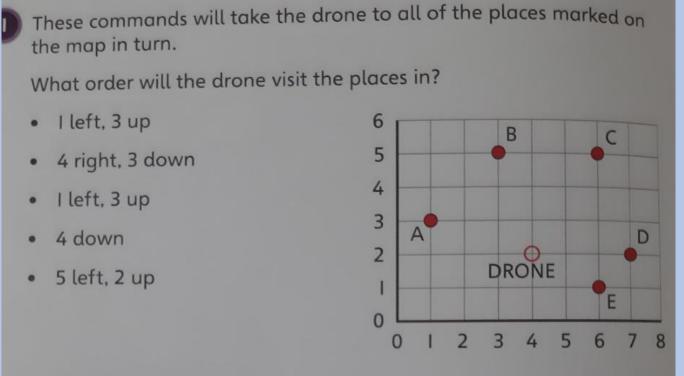






Sophia has a drone and she is controlling it so that she can take pictures of different places.

Read through this page of the book and look at what she's doing.







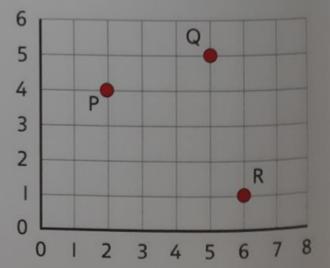
Activity 1: Sophia is using her drone to explore. She visits each place in the order on the picture.

In your books list the order (use the letter names) that she visits the sites in.

The map shows the position of three towns.

The journey from P to Q is '3 right, I up'. What journeys do these instructions describe?

- a) 3 left, I down
- b) 4 right, 3 down
- c) 4 left, 3 up
- d) I right, 4 down
- e) I left, 4 up

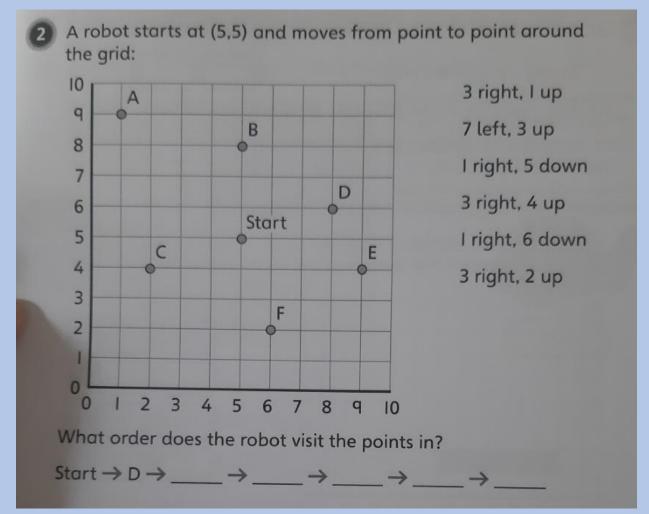


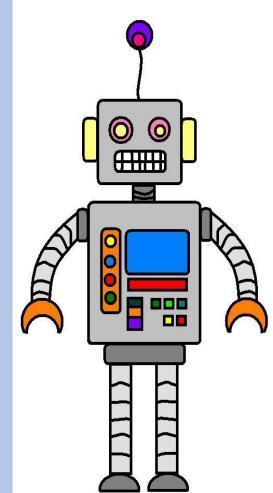


Activity 2: Follow the instructions above.

You will need to start from 'Q' at instruction (a).





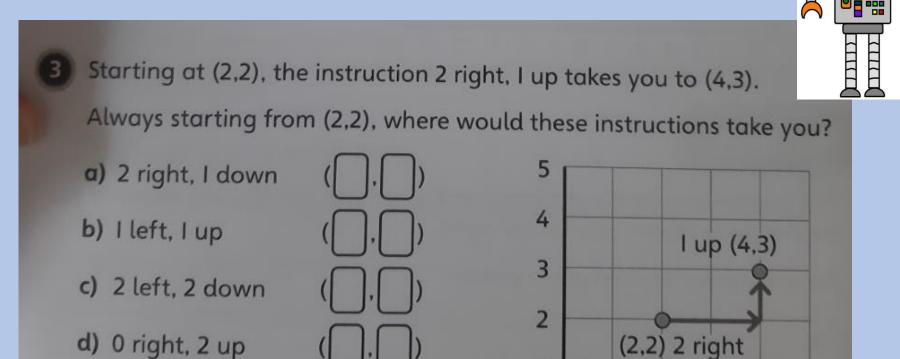


Activity 3:

In your workbooks, write down the order the robot visits each place.

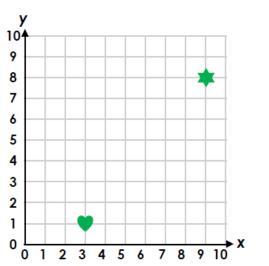
Activity 4:

Remember to always start at coordinates (2,2).

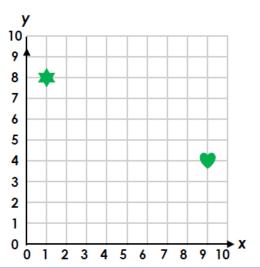




5a. Describe the movement needed for the star to reach the heart.

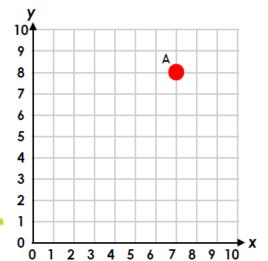


5b. Describe the movement needed for the heart to reach the star.

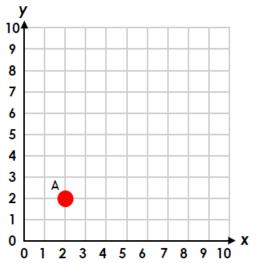


Activity 5:

6a. Translate point A 5 left and 7 down. What are the coordinates?



6b. Translate point A 7 right and 6 up. What are the coordinates?















Activity 7:

7a. A point is plotted on a grid at (6, 8).	7b. A point is plotted on a grid at (0, 4).	
It is translated 4 left and 5 down.	It is translated 8 right and 5 up.	
What are the new coordinates?	What are the new coordinates?	

Activity 8:

8a. Eve plotted a point on a grid at (5, 2).	8b. Saira plotted a point on grid at (7, 8).	
It is translated to (8, 8).	It is translated to (3, 7).	
How is it translated?	How is it translated?	



SUMMER CHALLENGE

Go on TTRockstars at least FOUR times each week of the school holidays.

This will ensure that you don't forget all those lovely times tables that you've worked so hard on learning!

If you go on TT frequently, you'll have a 'head start' in Year 5 and you'll impress Miss Perkins, Miss Kisby and Miss Tysoe with your knowledge!

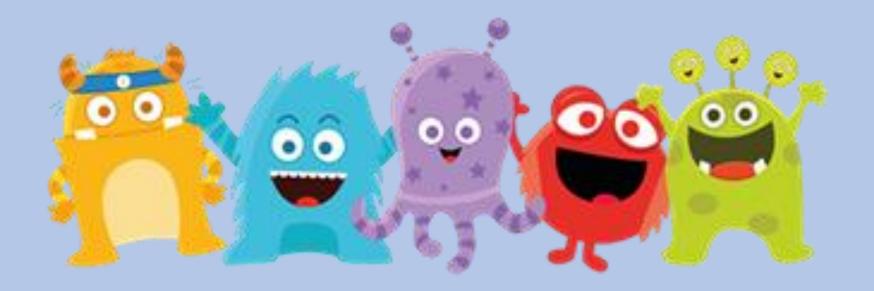
Yes! We accept the challenge!











Answer to	Activity 1:	Answer to Activity 2:	Answer to Activity 3:
The order i B D C E	s:	The order is: P R P (3,0) P	The order is: D A C B F
Answer to Activity 4:			E
a) (4,1) b) (1,3) c) (0,0) d) (2,4) Answers to Activities 5, 6		Activities 5, 6, 7 and 8	
	5a. 6 left and 7 6a. (2, 1) 7a. (2, 3) 8a. 3 right and		5b. 8 left and 4 up 6b. (9, 8) 7b. (8, 9) 8b. 4 left and 1 down