

Times tables time!



Log on to TTRockstars and see how many points you can earn, as a warm-up to our lesson.



Warm up. Have a go at these questions:

1)  $3 \times \underline{\quad} = 30$

2) Write down a multiple of 5 between 22 and 32

3)  $40 \div 10$

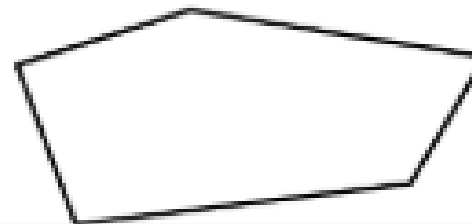
4)  $628 = 600 + 8 + \underline{\quad}$

5) Write down two thousand nine hundred and fourteen

6) What is the next number?

17, 21, 25, 29, 33,  $\underline{\quad}$

7) How many vertices does this shape have?



8) How many 3s make 21?



## L.O. – To describe position on a 2D grid using coordinates.

This grid has numbers referring to each box. These are called coordinates.

When using coordinates we always refer to the number on the horizontal axis first, followed by the vertical axis.

To help you remember:  
“Along the corridor and up the stairs.”

These coordinates are written in brackets and separated using commas.



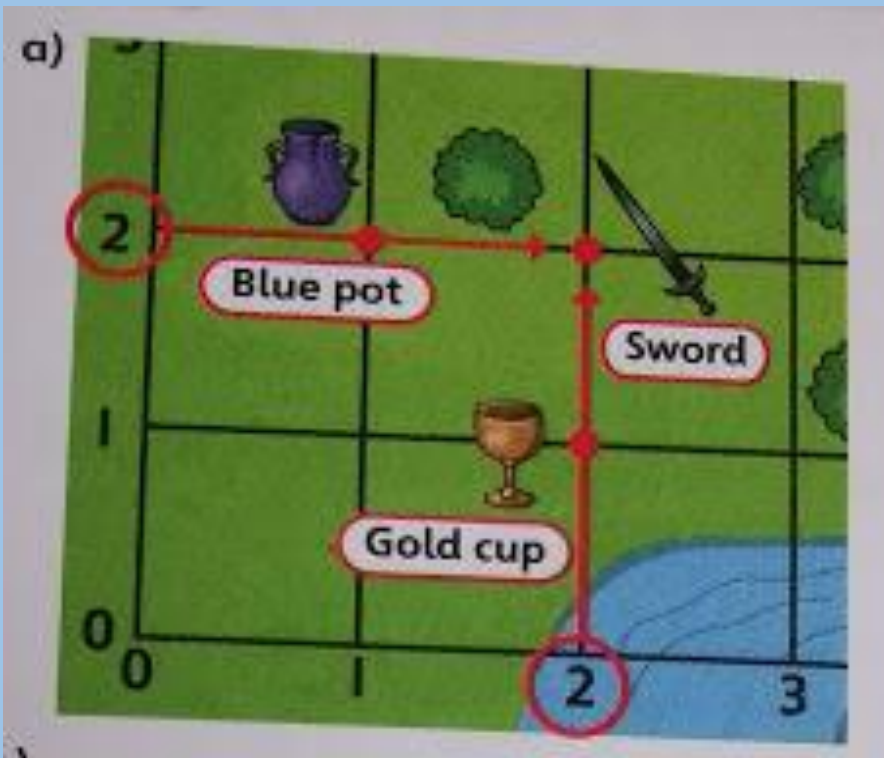
**Discover**

Lower meadow dig: Location of main finds

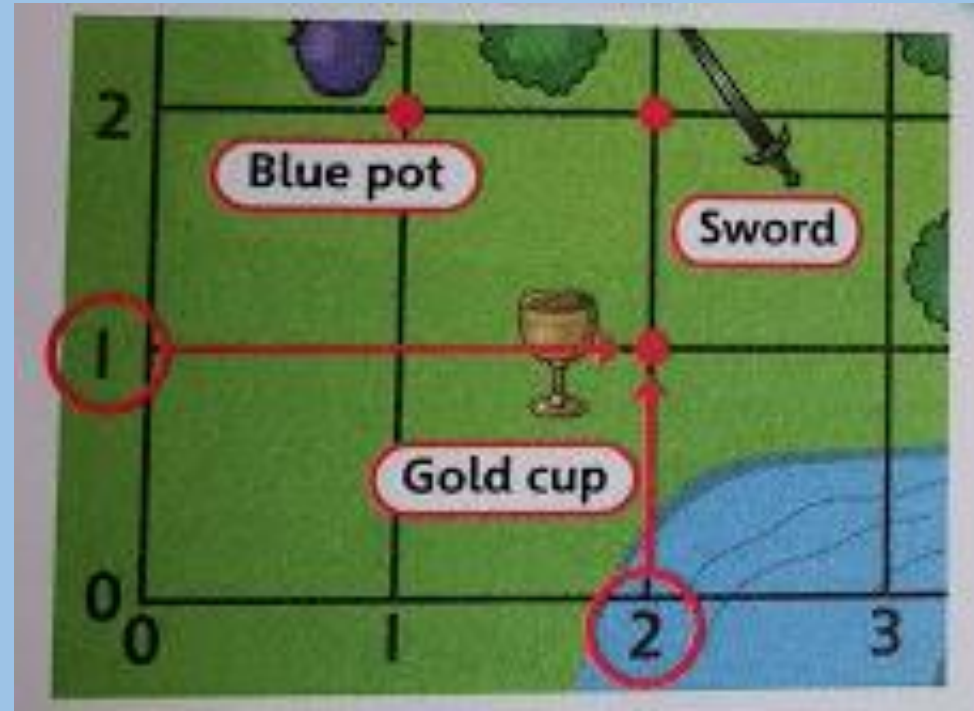
With this grid, I can use numbers to say where things are.

Sofia

1 a) Which object was found at position (2,2)?  
b) What was found at position (2,1)?



The **sword** is at  
(2,2)



The **gold cup** is at  
(2,1)

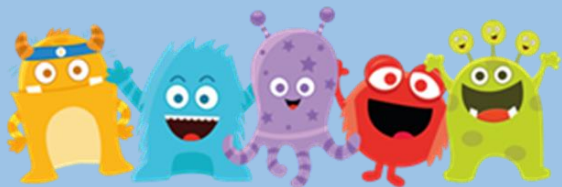




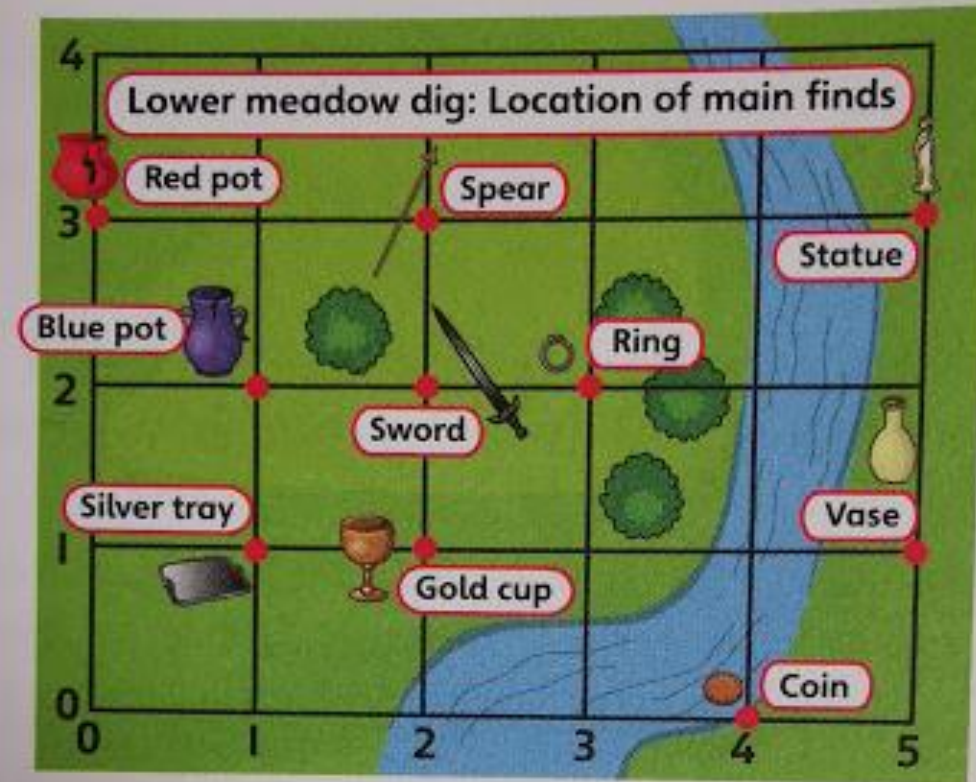
Now have a go at these questions:

Remember...

Along the corridor,   
Up the stairs 

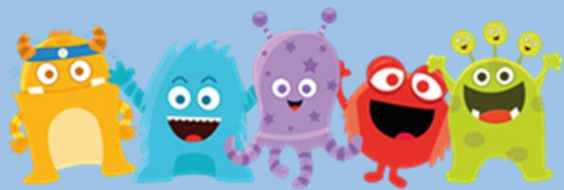


1 Sofia marked the positions of some other objects on the map.



- What is located at (1,2)?
- What is located at (5,3)?
- What is at the position with coordinates (2,3)?

- 2
- a) Give the coordinates of the silver tray.
  - b) Where were these objects found?
    - i) The red pot
    - ii) The coin
    - iii) The vase



How did you get on?

Question 1 a): The blue pot is located at (1,2).

Question 1 b): The statue is located at (5,3).

Question 1 c): The spear is located at (2,3).

Question 2 a): The coordinates of the silver tray are (1,1).

Question 2 b) i): The red pot was found at (0,3).

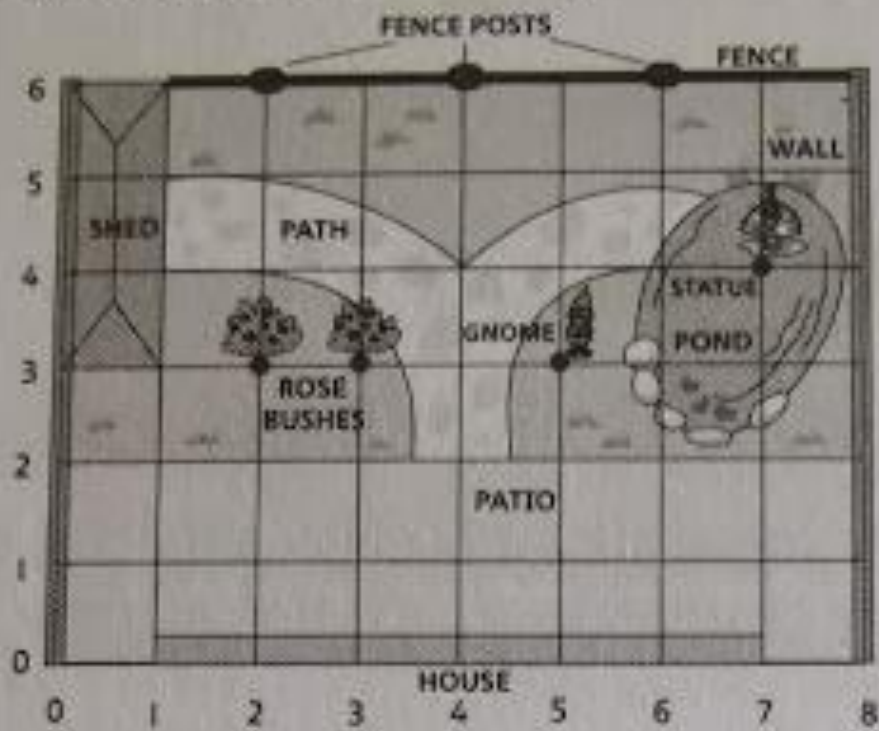
Question 2 b) ii): The coin was found at (4,0).

Question 2 b) iii): The vase was found at (5,1).



Now let's put these skills to the test and complete the following tasks:

1 Jamie made a sketch of her garden.



a) What are the coordinates of the statue?

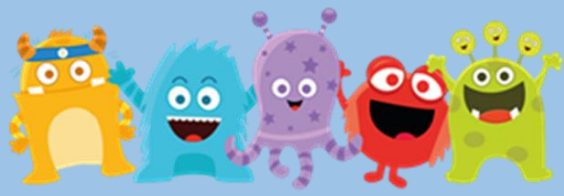
The statue is at (, ).

b) There is a fence post at (2,6). Where are the other fence posts?

The other fence posts are at (, ) and (, ).

c) One of the rose bushes is at (2,3). Where is the other one?

The other rose bush is at (, ).

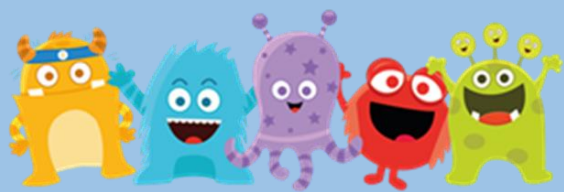


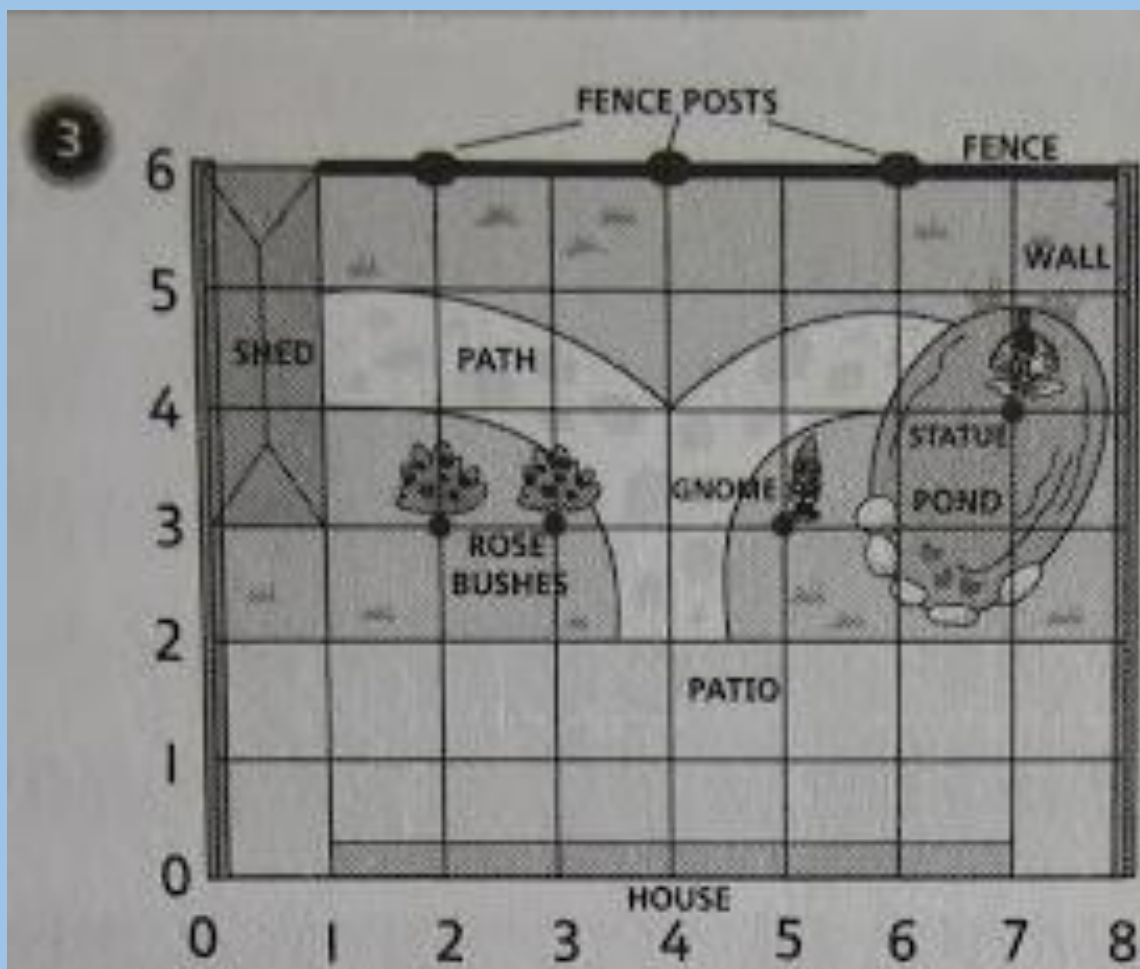


2 The coordinates of one corner of the shed are (1,3).

What are the coordinates of the other three corners?

The other corners are at (, ), (, )  
and (, ).



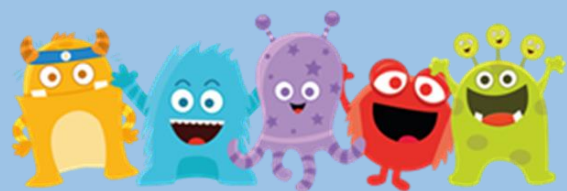


The gnome is at (3,5).



Jamie

Is Jamie right? Explain your answer.

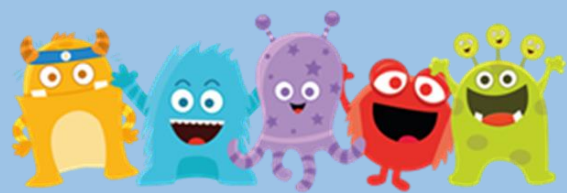


- 4 Jamie wants to put a climbing plant against the wall on the right. She wants the plant to be as close to the pond as possible.

Where should she plant it?

She should plant it at (.).

- 5 Describe where you would be if you were standing at  $(0,0)$ .
- 



$A = (3, 5)$ ,  $C = (8, 3)$ . Use this information to work out the coordinates of points B, D, E and F.

Point A =  $(3, 5)$

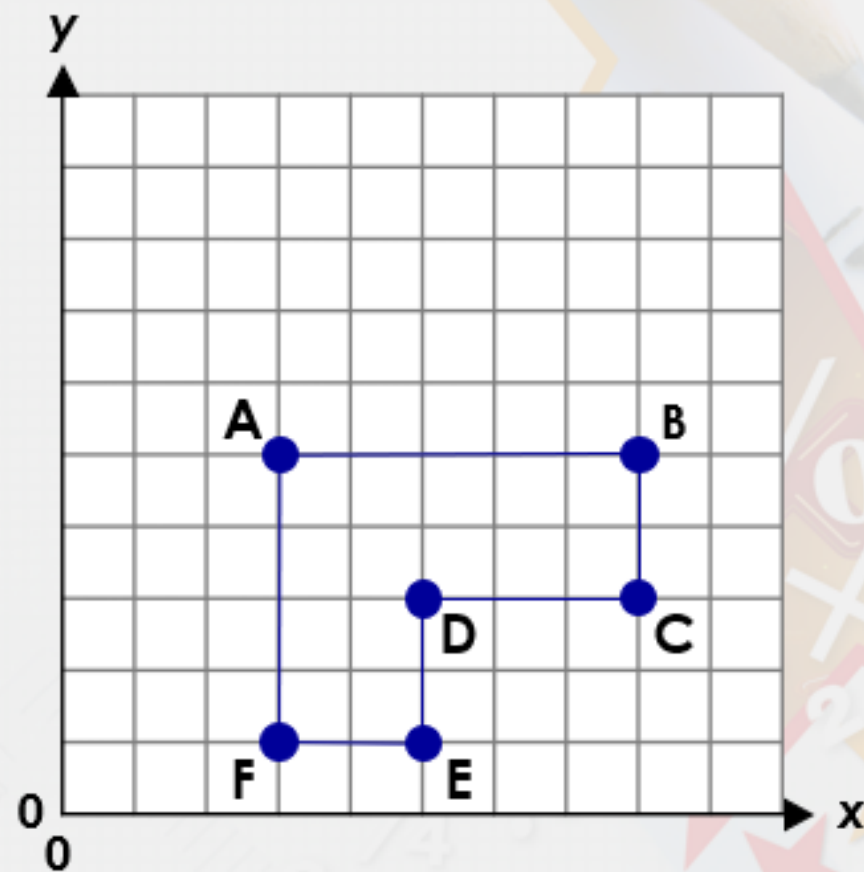
Point B =  $( \quad , \quad )$

Point C =  $(8, 3)$

Point D =  $( \quad , \quad )$

Point E =  $( \quad , \quad )$

Point F =  $( \quad , \quad )$





Billy has written the coordinates for a pentagon. Correct any mistakes he has made.



Billy

Point A = (4, 3)

Point B = (3, 8)

Point C = (6, 8)

Point D = (9, 5)

Point E = (2, 7)

