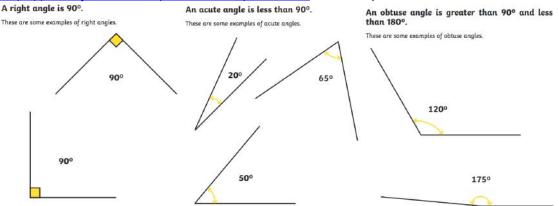
### Year 3 - WC 08.06.20 - Catshill Home Learning

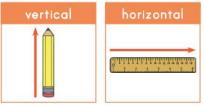
Hello Year 3,

We hope you enjoyed learning about turns and angles last week. This week, we are going to look at other types of angles as well as different types of lines. Here are some suggested activities to try. If you can't print the sheet or watch the videos, don't worry, just look the worksheets on the screen and write your answers on a piece of paper.

1.)Watch the video to see Emma explain what acute and obtuse angles are. <u>https://www.youtube.com/watch?v=S\_pOSTXaf9s</u> then complete worksheet 1.



2.) Complete worksheet 2. An introduction to horizontal and vertical lines.



3.) Watch the video to learn about parallel and perpendicular lines https://www.youtube.com/watch?v=AUBVEyzxn7s then complete worksheet 3.



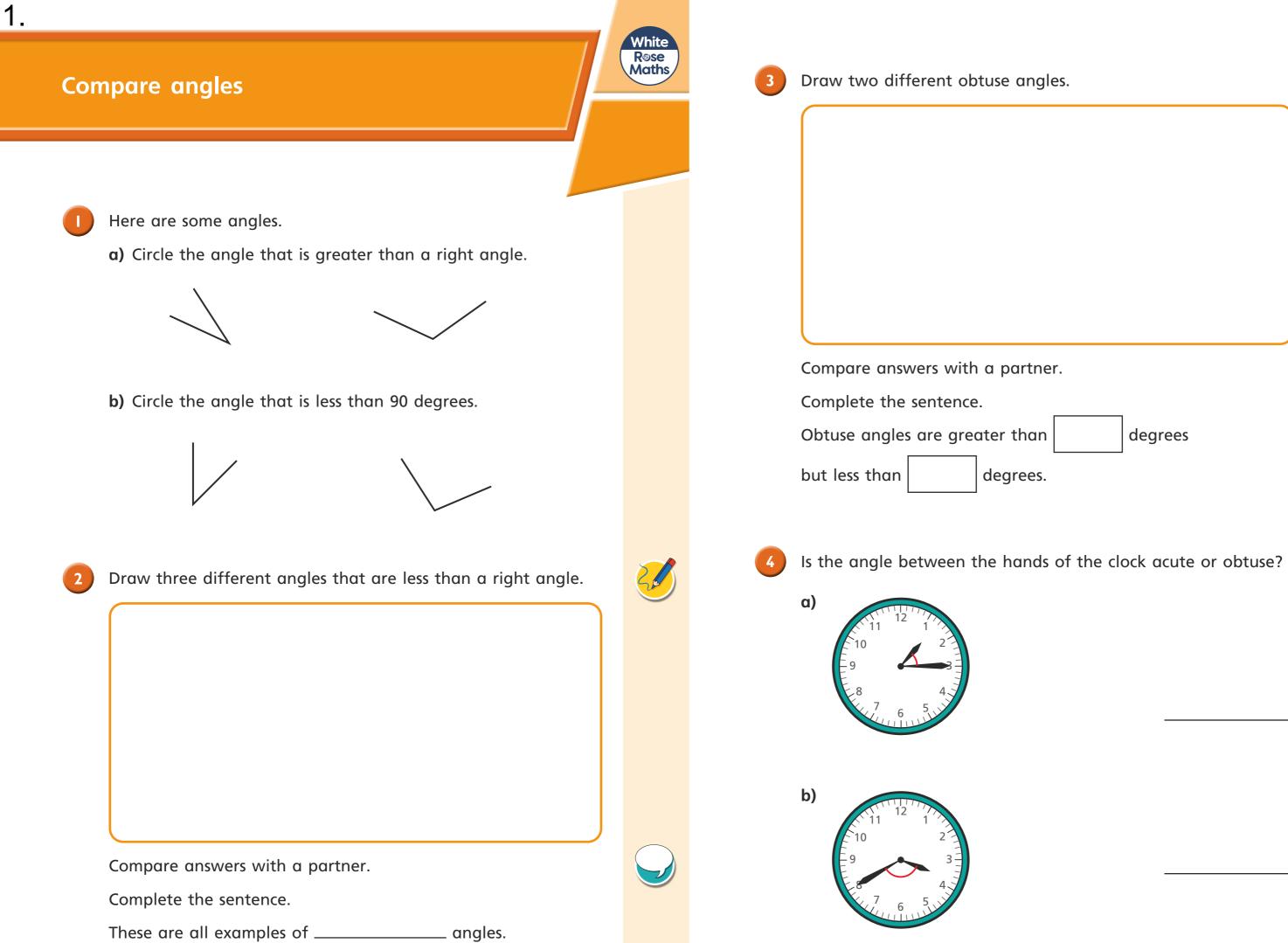
4.) Show off what you know so far about turns, angles and lines by answering the **true or false** statements.

5.) Family Friday challenge! Remember to show any working out.

### Other website links

https://www.bbc.co.uk/bitesize/subjects/z826n39 https://ttrockstars.com/

We miss you all. Take care and stay safe! Miss Moody and Mrs Braiden-Smith

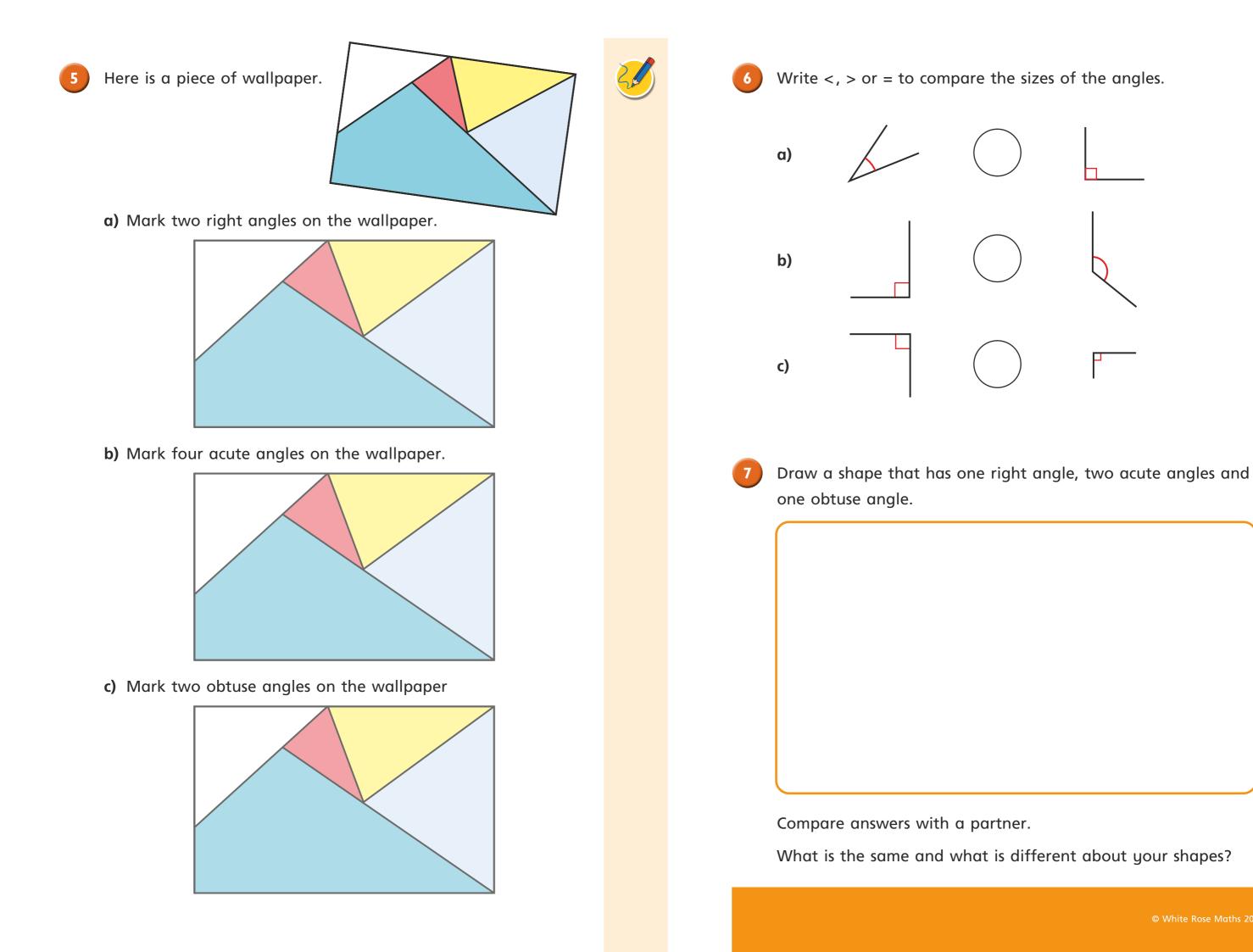


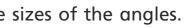


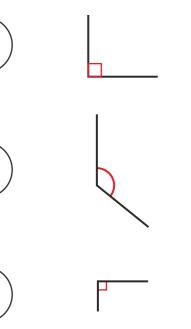




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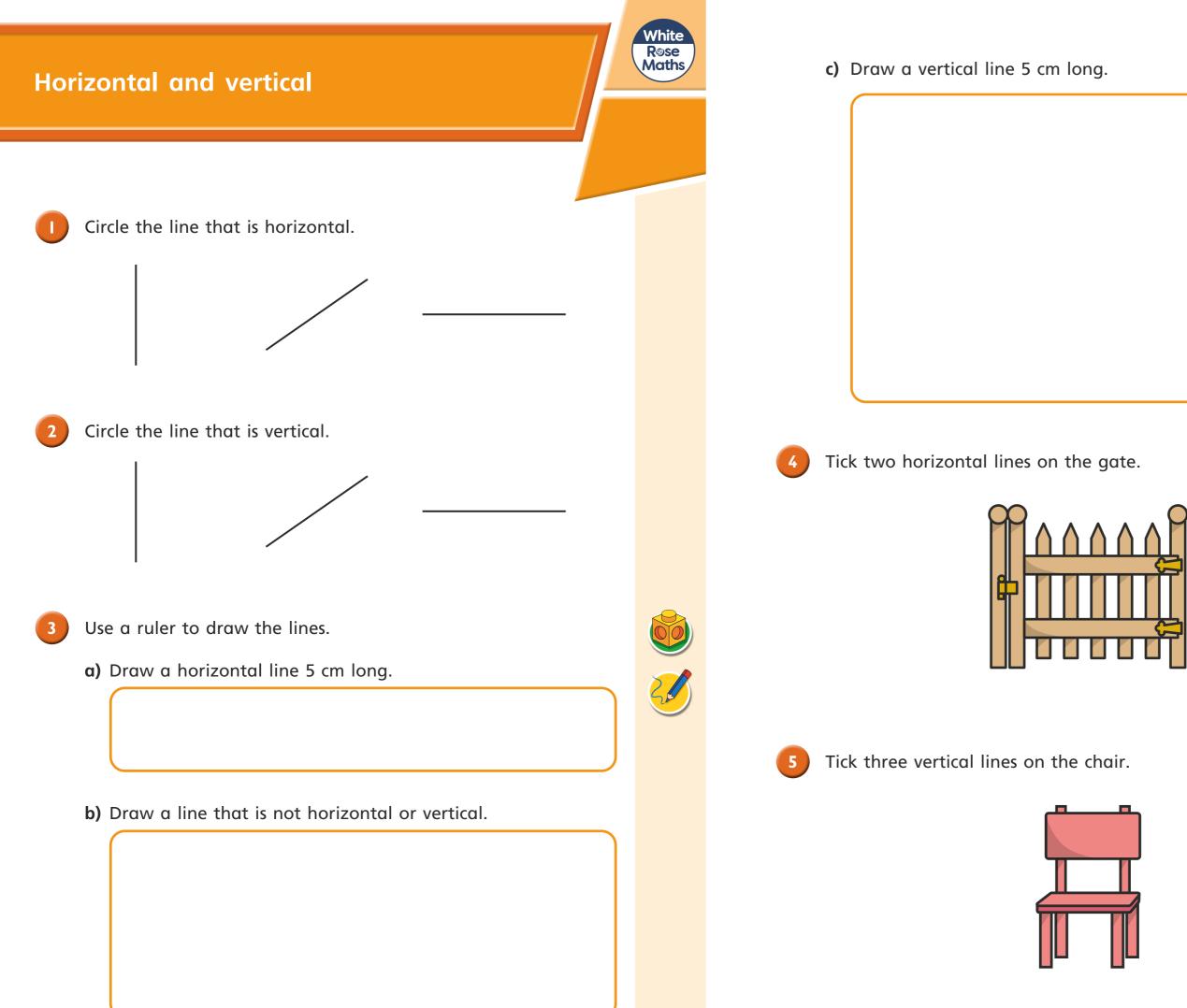










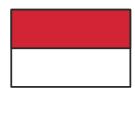


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## Here are some flags.

**a)** Circle the flags that have horizontal stripes.







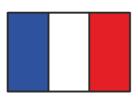


**b)** Circle the flags that have vertical stripes.









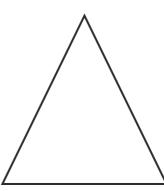
c) Is the statement true or false?

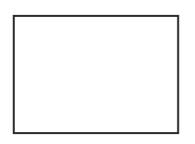
This flag has vertical and horizontal stripes.



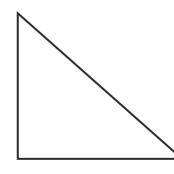
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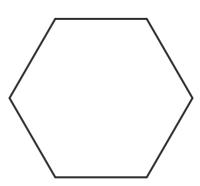
Tick the shapes that have a vertical line of symmetry. Draw on the shapes to show the line of symmetry.

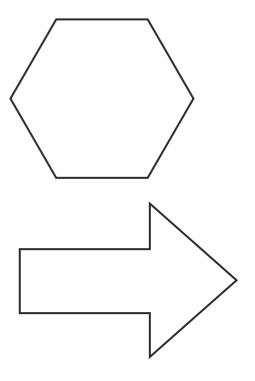


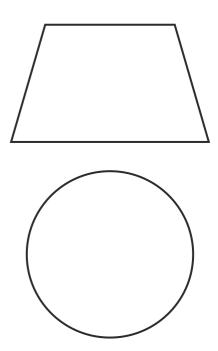


8 Tick the shapes that have a horizontal line of symmetry. Draw on the shapes to show the line of symmetry.















## Parallel and perpendicular

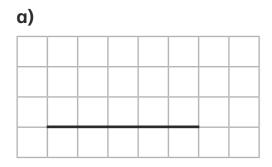


Tick the pairs of lines that are not parallel.



Here are two lines.

Draw a line that is parallel to each.



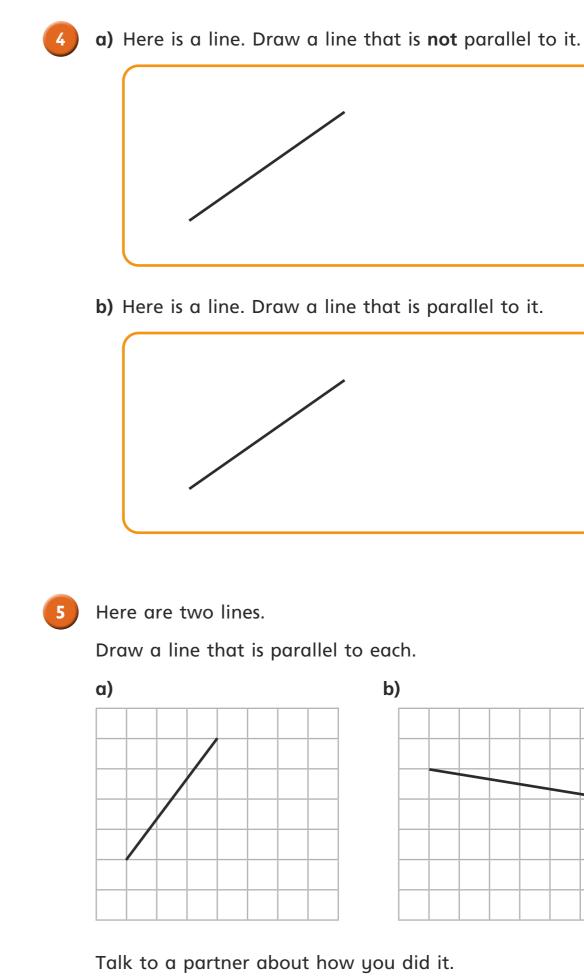
b)				

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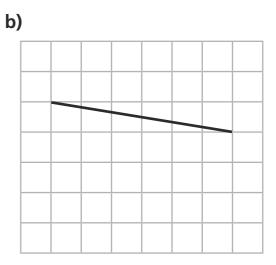
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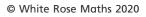
Amir says that the lines are not parallel because they are different lengths.

Is Amir correct? \_\_\_\_\_







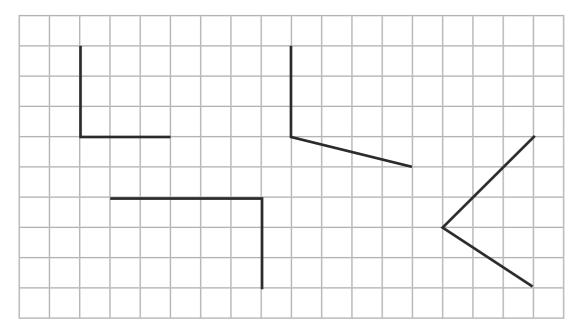




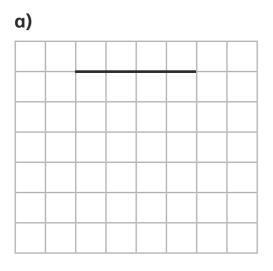


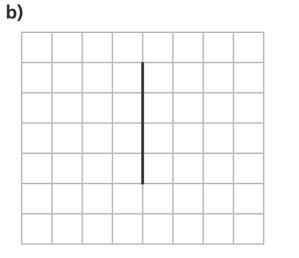


## Tick the perpendicular lines.

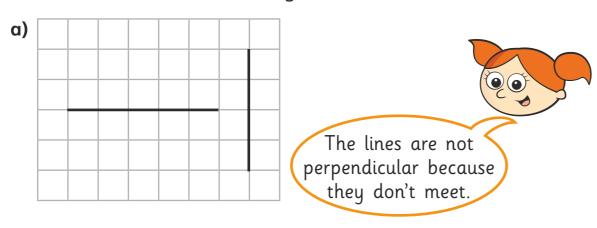


Here are two lines. Draw a line that is perpendicular to each.





Alex has drawn some lines on grids. 8



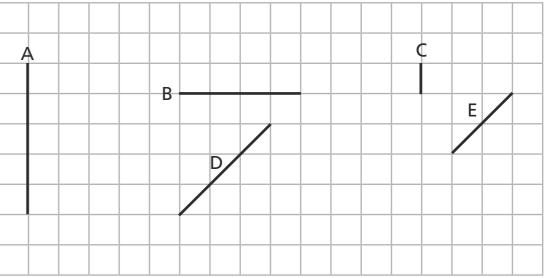
Do you agree with Alex? \_\_\_\_\_

b)

Do you agree with Alex? \_\_\_\_\_

Talk about your answers with a partner.

Five lines are drawn on the grid.



a) Which two pairs of lines are parallel?

**b)** Which two pairs of lines are perpendicular?

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The lines are parallel because they don't meet.

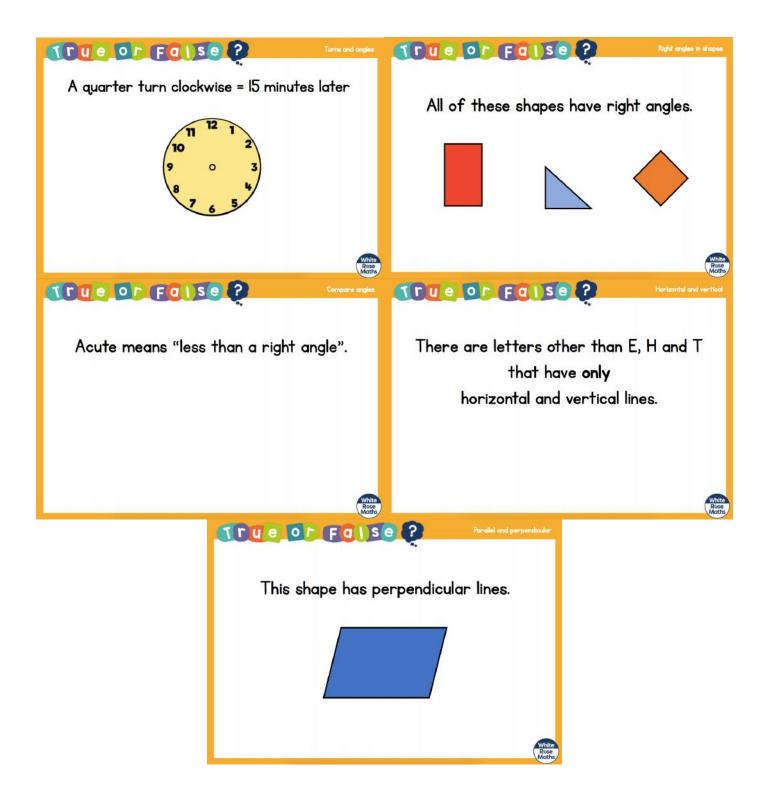




## Answer the true or false statements. True because...

### False because...

Remember to prove your answer with a clear explanation or examples.

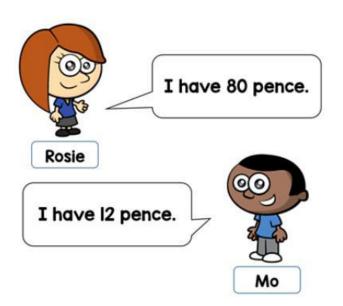


# Challenge 1

Jane is standing in a queue. There are 5 people in front of her. There are 2 people behind her. How many people are in the queue?



# Challenge 2



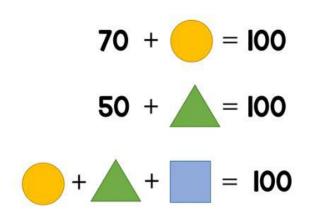
Rosie gives Mo 25 pence.

How much more money does Rosie have than Mo now?



## Challenge 3

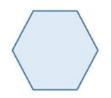
If



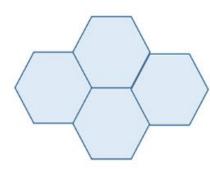
What is the value of the blue square?

## Challenge 4

The perimeter of this regular hexagon is 42 cm.



Four of these hexagons are put together to make this shape.



What is the perimeter of the shape?

