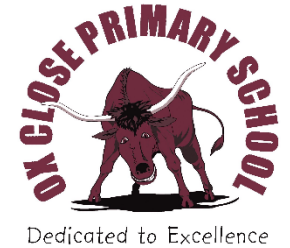


Maths Planning and Ideas



Week Commencing: Monday 22_06_2020

Year Group: Year 3

	Monday	Tuesday	Wednesday	Thursday	Friday
Area of Learning	LC: Can you find right angles?	LC: Can you compare angles?	LC: Can you identify horizontal and vertical lines?	LC: Can you identify parallel perpendicular lines?	LC: Can you problem solve?
Activity	<p>Starter: Times Table Rockstars</p> <p>Battle of the Bands have been set for Y3 children. Don't forget to use Rock Slam to individually challenge others in your class or year group.</p> <p>Main: Go to the following website: https://vimeo.com/430336748</p> <p>Watch the video. Pause if you need to take notes or replay sections to help with understanding.</p> <p>Independent Task: Children to complete activity found in resources</p>	<p>Starter: Times Table Rockstars</p> <p>Battle of the Bands have been set for Y3 children. Don't forget to use Rock Slam to individually challenge others in your class or year group.</p> <p>Main: Go to the following website: https://vimeo.com/430336836</p> <p>Watch the video. Pause if you need to take notes or replay sections to help with understanding.</p> <p>Independent Task: Children to complete activity found in resources</p>	<p>Starter: Times Table Rockstars</p> <p>Battle of the Bands have been set for Y3 children. Don't forget to use Rock Slam to individually challenge others in your class or year group.</p> <p>Main: Go to the following website: https://vimeo.com/430336963</p> <p>Watch the video. Pause if you need to take notes or replay sections to help with understanding.</p> <p>Independent Task: Children to complete activity found in resources</p>	<p>Starter: Times Table Rockstars</p> <p>Battle of the Bands have been set for Y3 children. Don't forget to use Rock Slam to individually challenge others in your class or year group.</p> <p>Main: Go to the following website: https://vimeo.com/430337089</p> <p>Watch the video. Pause if you need to take notes or replay sections to help with understanding.</p> <p>Independent Task: Children to complete activity found in resources</p>	<p>Starter: Times Table Rockstars</p> <p>Battle of the Bands have been set for Y3 children. Don't forget to use Rock Slam to individually challenge others in your class or year group.</p> <p>Main: Go to the following website: https://whiterosemaths.com/homelearning/year-3/ Select Week 9 (w/c 22 June 2) Friday challenge.</p> <p>Children used there strategies to problem solve challenges 1-4. Independent Task: Children to complete activity. answers found at the bottom of the webpage</p>

	Answers can be found in resources	Answers can be found in resources	Answers can be found in resources	Answers can be found in resources	Answers can be found in resources
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Where can I complete further work?

[Twinkl](#) – Subscription service used by schools is offering a free premium service for teachers, parents and children to use whilst schools are closed. Enter the code **UKTWINKLHELPS** for access to worksheets, powerpoints and interactive games to support all areas of learning.

[Classroom Secrets](#) – Free Maths, Reading and Grammar home learning packs and interactive resources for all ages.

[White Rose Maths](#) – Free Maths home learning resources for all ages. Watch the videos and try the questions.

[Primary Stars](#) – Free Maths home learning packs for Year 1 and 2.

[BBC Bitesize Primary](#) – Free learning resources available for KS1 and KS2 across all subjects.

[I See Maths](#) – Free daily home maths lessons hosted by Gareth Metcalfe. Follow the link for videos, information and resources.

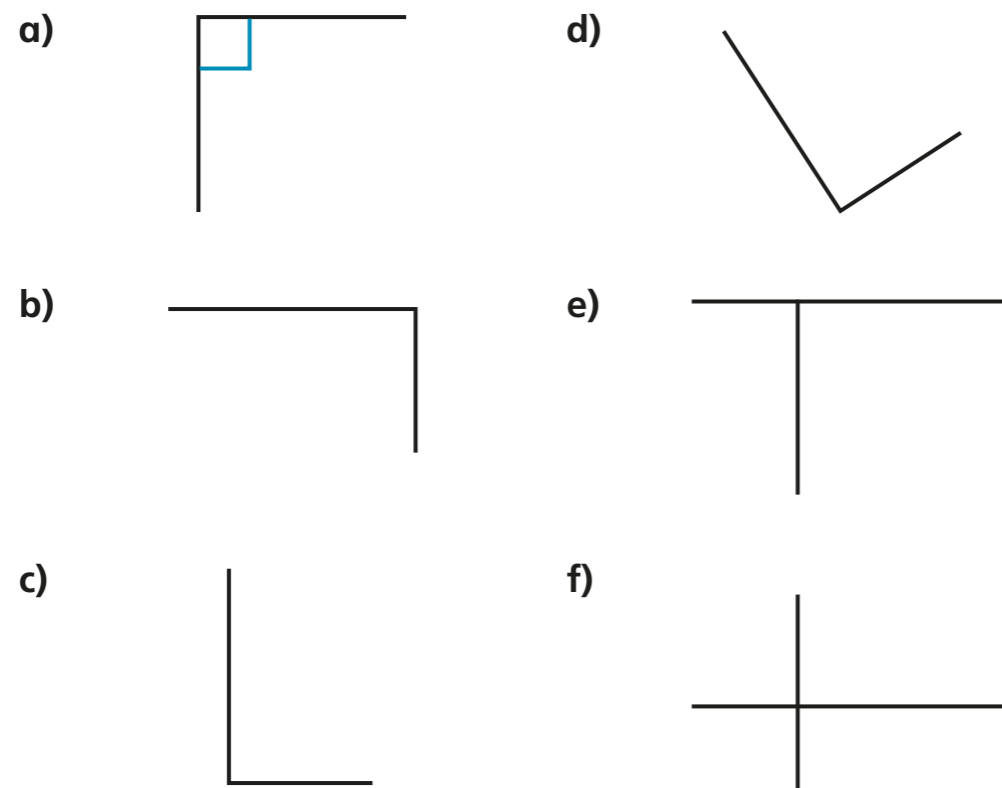
[Top Marks](#) – Free educational resources and games for English and Maths.

[ICT Games](#) – Free educational resources and games for English and Maths.

Right angles in shapes



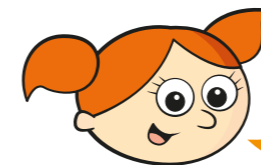
- 1 There is at least one right angle in each picture.
Mark the right angles on the pictures.
The first one has been done for you.



- 2 A rectangle has four right angles.
Mark the right angles on the rectangle.

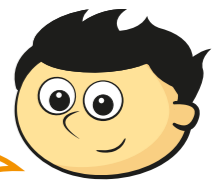


- 3 Alex and Jack are identifying right angles.



Alex

Both of the angles are right angles.



Jack

I disagree. The first one is a right angle but the second one is a left angle because it is on the left of the line.

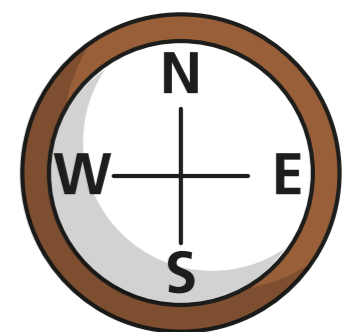
Who do you agree with? _____

Talk about it with your adult.

- 4 Dexter is facing north.
He turns a quarter turn.



This is the same as one right angle.



Do you agree with Dexter? _____

Talk about it with your adult

5 Complete the sentences.

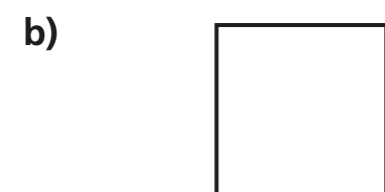
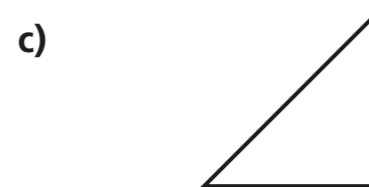
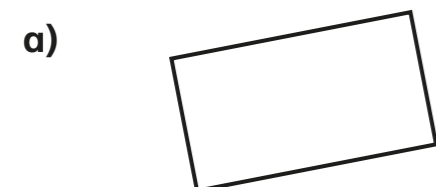
A quarter turn is equal to right angle.

A half turn is equal to right angles.

A three-quarter turn is equal to right angles.

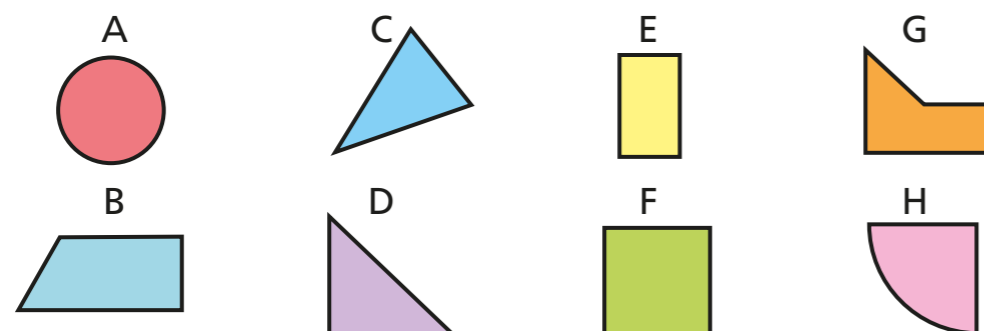
A full turn is equal to right angles.

6 Draw the right angles on each shape.



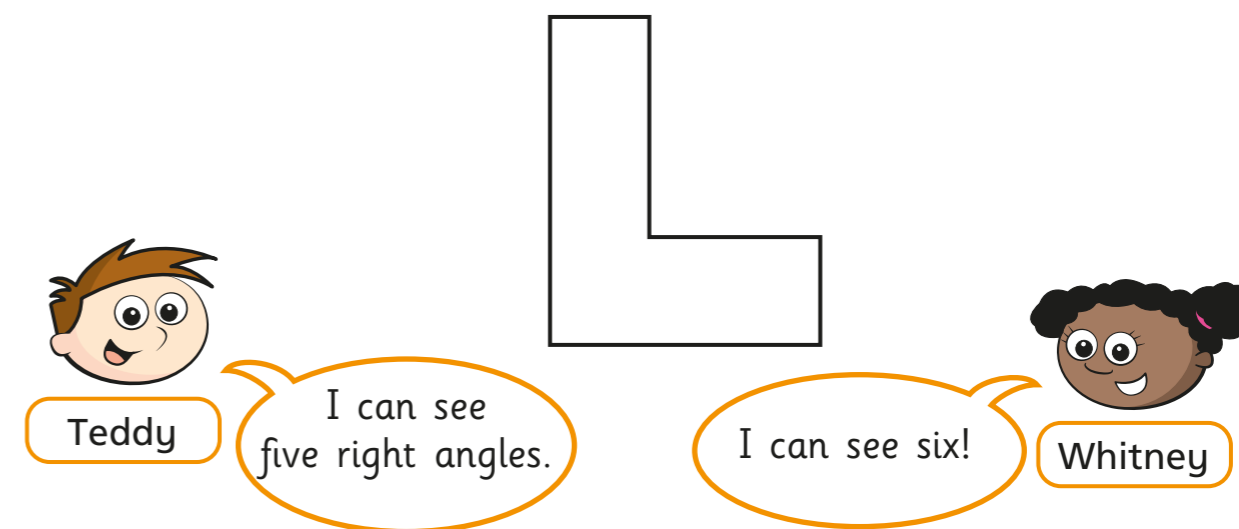
7 Look at the number of right angles in each shape.

Sort the shapes into the table.



0 right angles	1 right angle	2 right angles	3 right angles	4 right angles

8 Teddy and Whitney are identifying right angles.

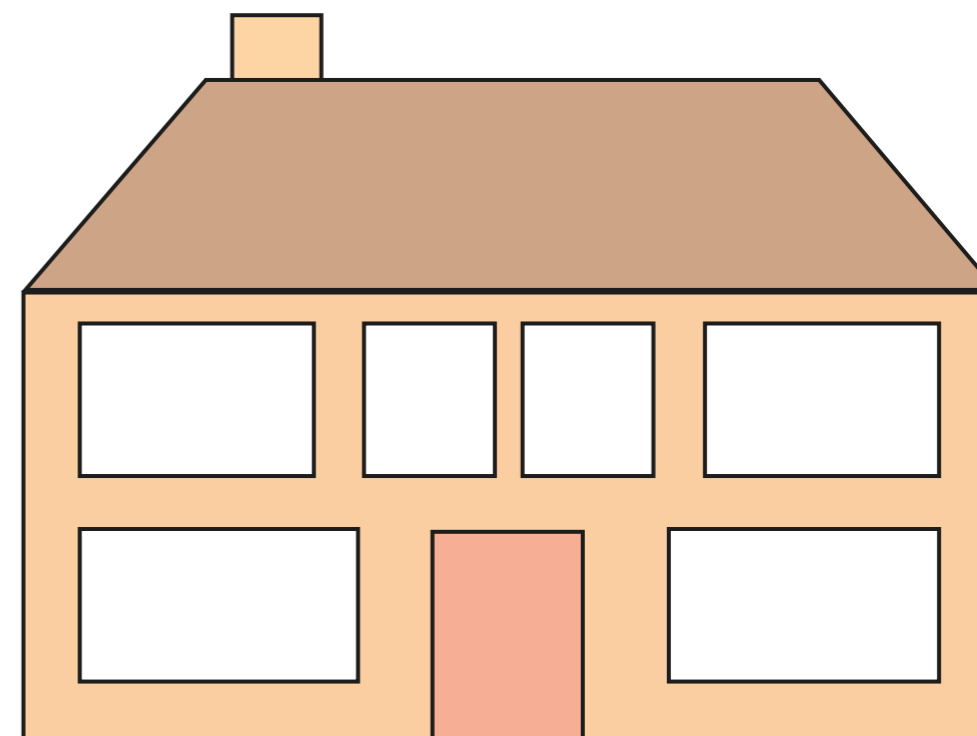


Who do you agree with? _____

Draw on the shape to show your thinking.

9 How many right angles can you find in the picture?

Mark them on the picture.



Create your own problem like this.

Compare angles

1 Here are some angles.

a) Circle the angle that is greater than a right angle.



b) Circle the angle that is less than 90 degrees.



2 Draw three different angles that are less than a right angle.

Compare answers with a partner.

Complete the sentence.

These are all examples of _____ angles.



3 Draw two different obtuse angles.

Compare answers with a partner.

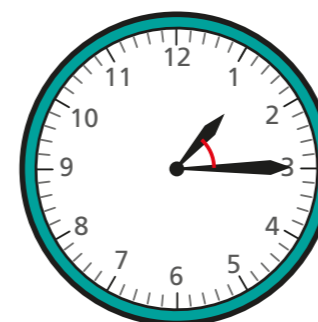
Complete the sentence.

Obtuse angles are greater than degrees

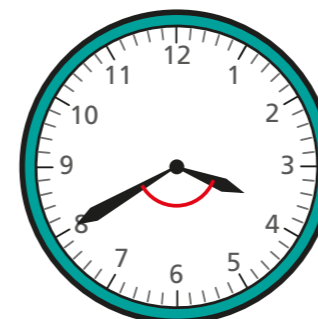
but less than degrees.

4 Is the angle between the hands of the clock acute or obtuse?

a)

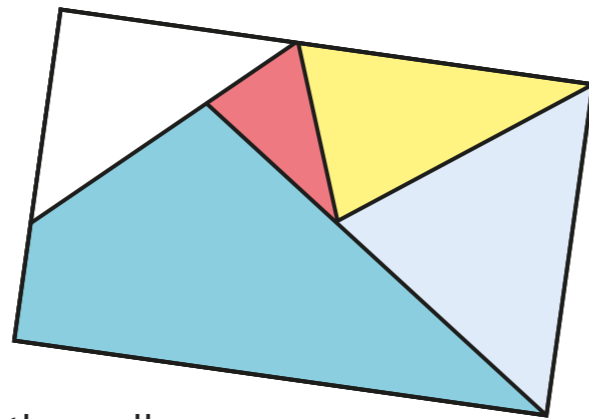


b)

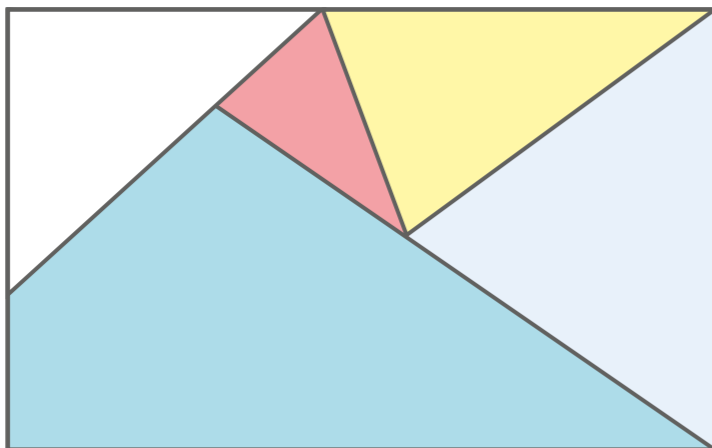




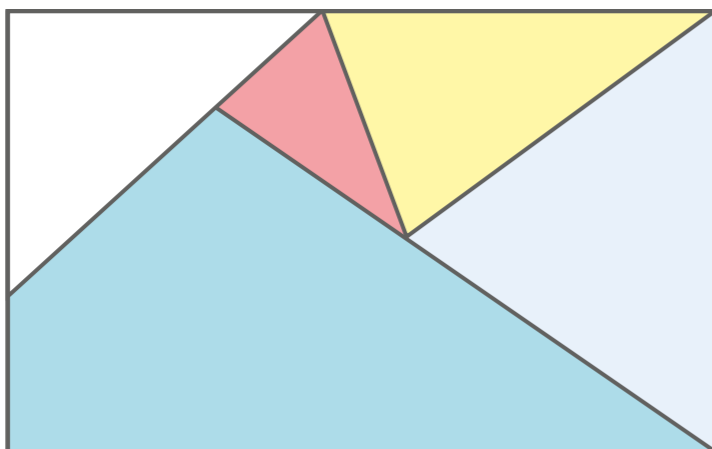
- 5 Here is a piece of wallpaper.



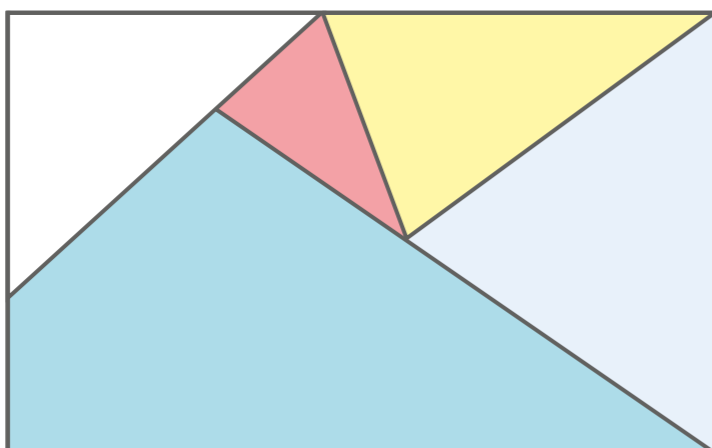
- a) Mark two right angles on the wallpaper.



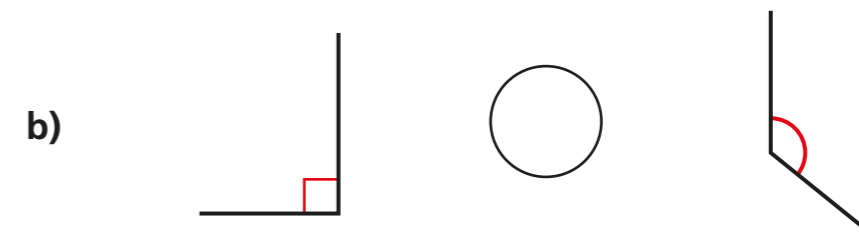
- b) Mark four acute angles on the wallpaper.



- c) Mark two obtuse angles on the wallpaper.



- 6 Write $<$, $>$ or $=$ to compare the sizes of the angles.



- 7 Draw a shape that has one right angle, two acute angles and one obtuse angle.

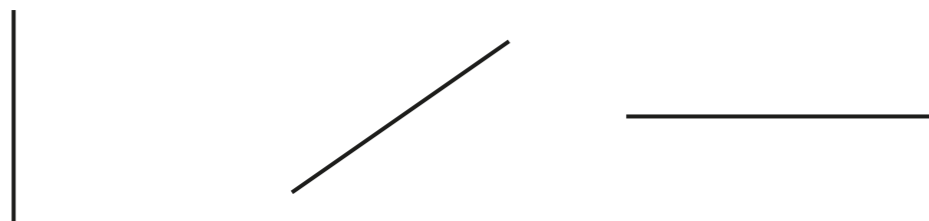


Compare answers with your adult

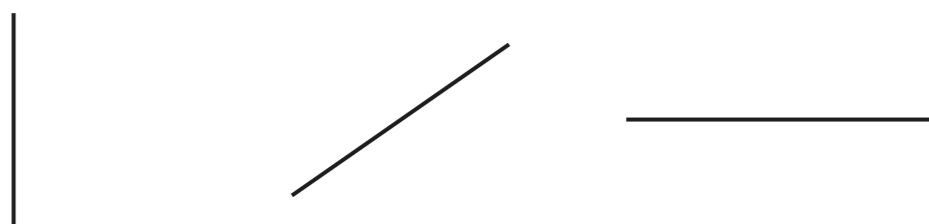
What is the same and what is different about your shapes?



1 Circle the line that is horizontal.



2 Circle the line that is vertical.



3 Use a ruler to draw the lines.

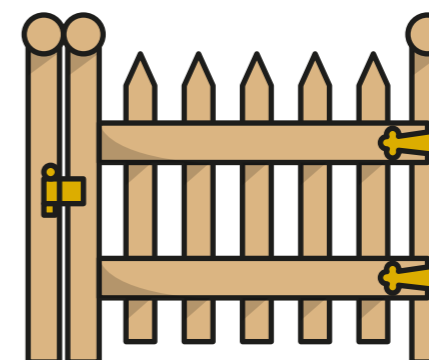
a) Draw a horizontal line 5 cm long.

b) Draw a line that is not horizontal or vertical.

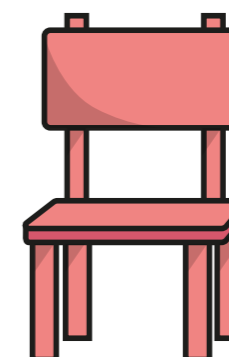


c) Draw a vertical line 5 cm long.

4 Tick two horizontal lines on the gate.



5 Tick three vertical lines on the chair.



6 Here are some flags.

a) Circle the flags that have horizontal stripes.



b) Circle the flags that have vertical stripes.



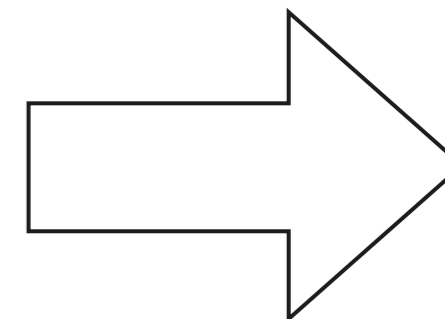
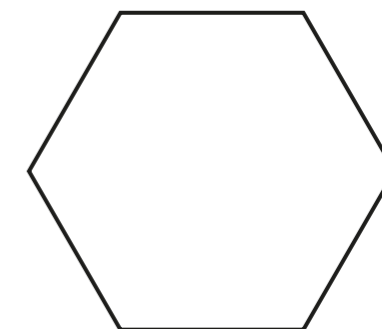
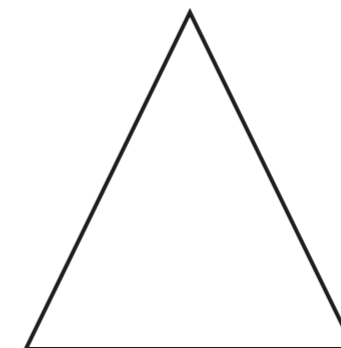
c) Is the statement true or false?

This flag has vertical and horizontal stripes.



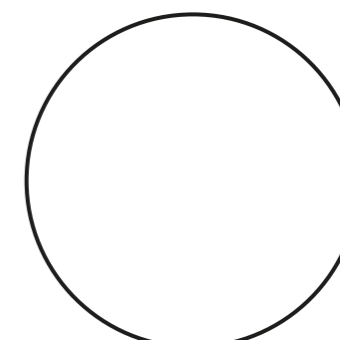
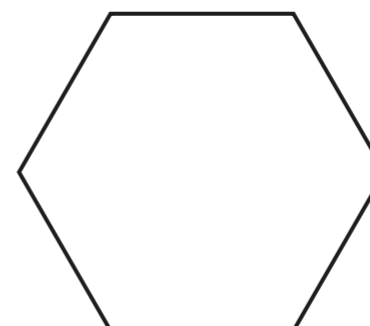
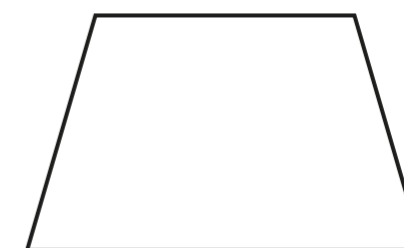
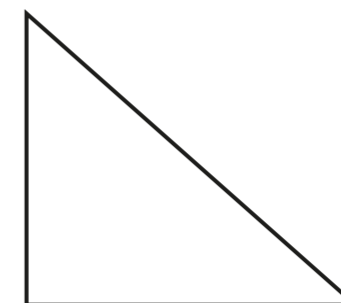
7 Tick the shapes that have a vertical line of symmetry.

Draw on the shapes to show the line of symmetry.

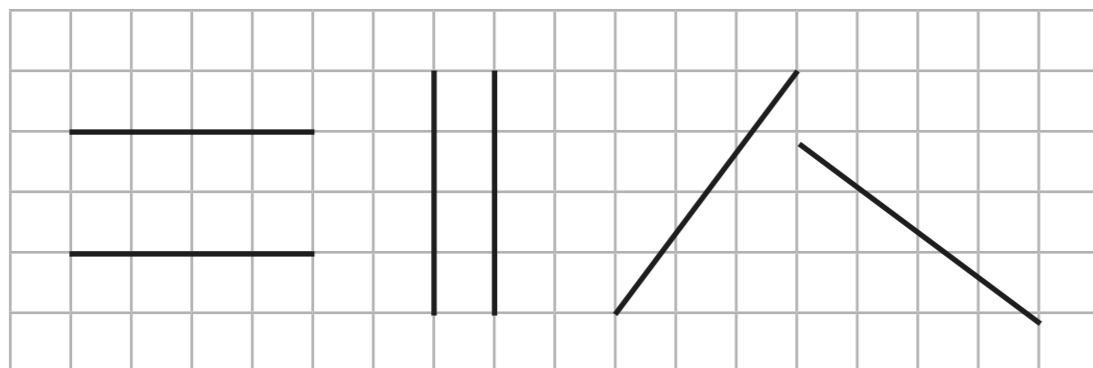


8 Tick the shapes that have a horizontal line of symmetry.

Draw on the shapes to show the line of symmetry.

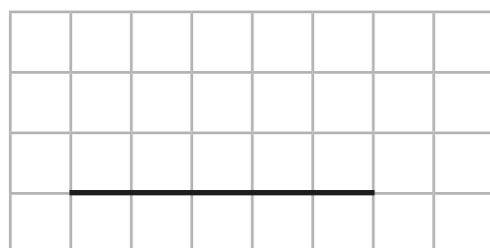


- 1 Tick the pairs of lines that are not parallel.

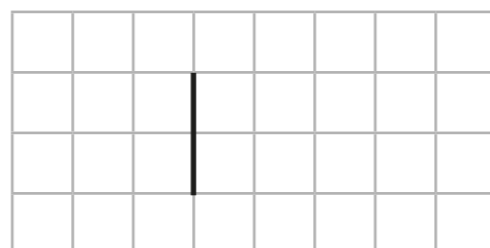


- 2 Here are two lines.
Draw a line that is parallel to each.

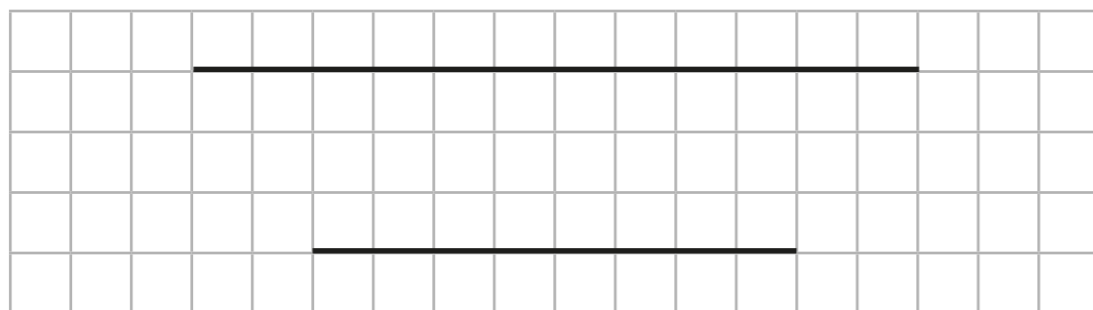
a)



b)



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



Is Amir correct? _____

Why?



- 4 a) Here is a line. Draw a line that is **not** parallel to it.

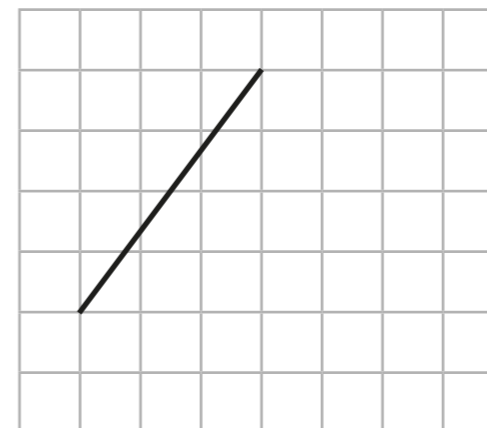


- b) Here is a line. Draw a line that is parallel to it.



- 5 Here are two lines.
Draw a line that is parallel to each.

a)



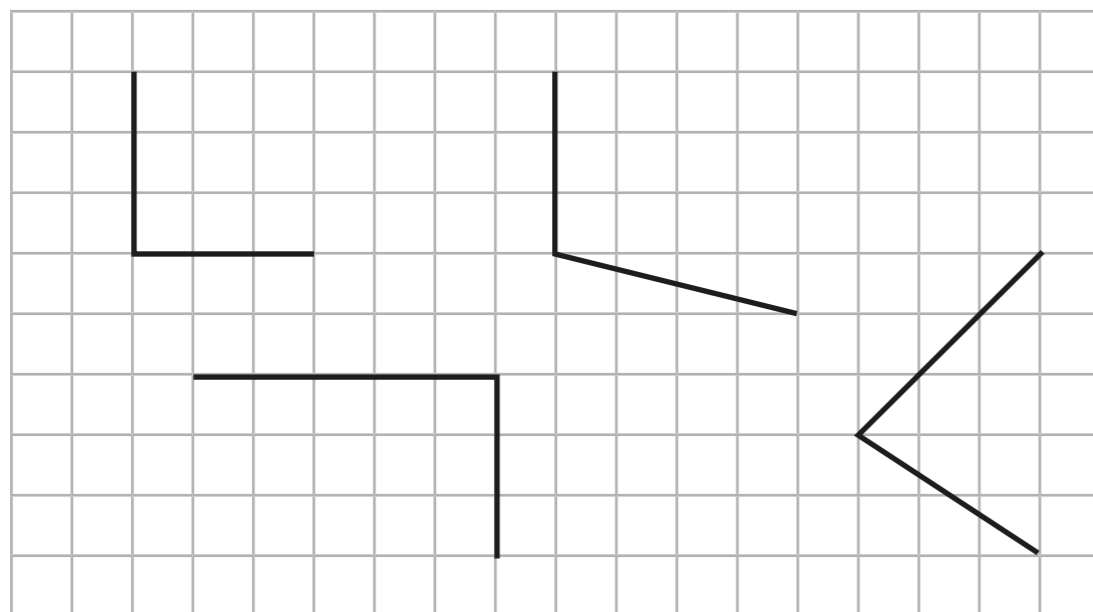
b)



Talk to your adult about how you did it.

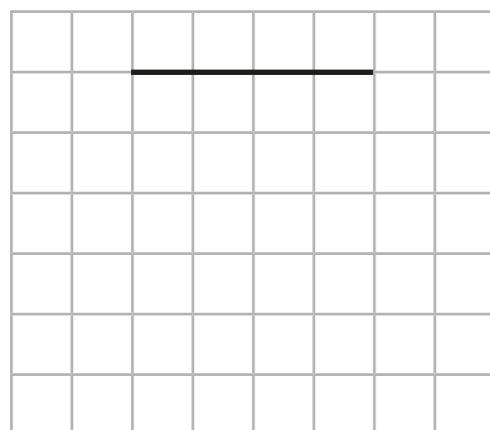


6 Tick the perpendicular lines.



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

a)

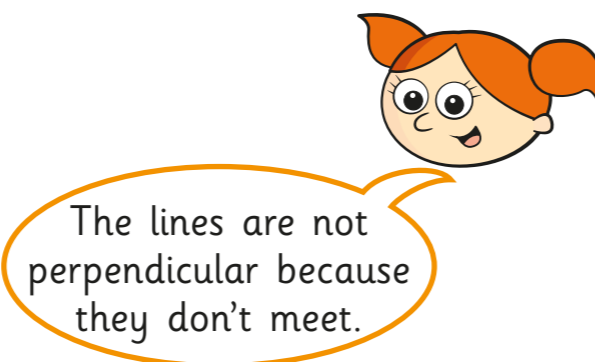
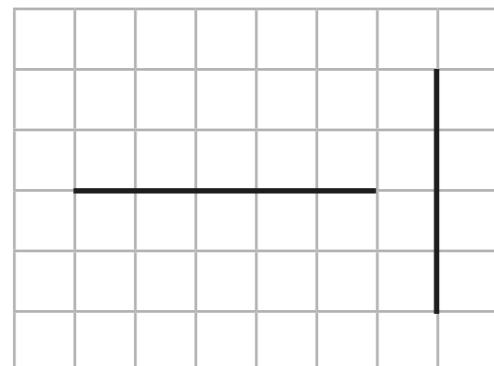


b)



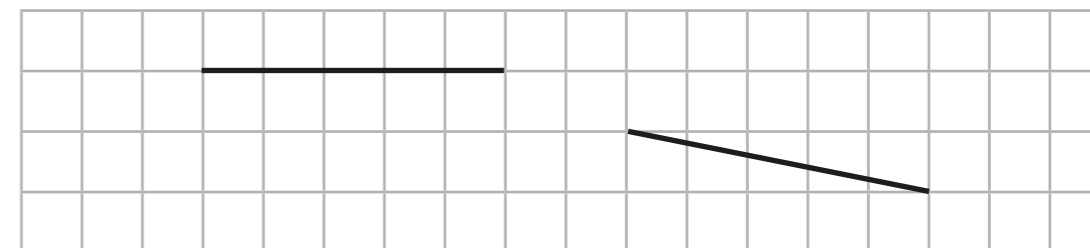
8 Alex has drawn some lines on grids.

a)



Do you agree with Alex? _____

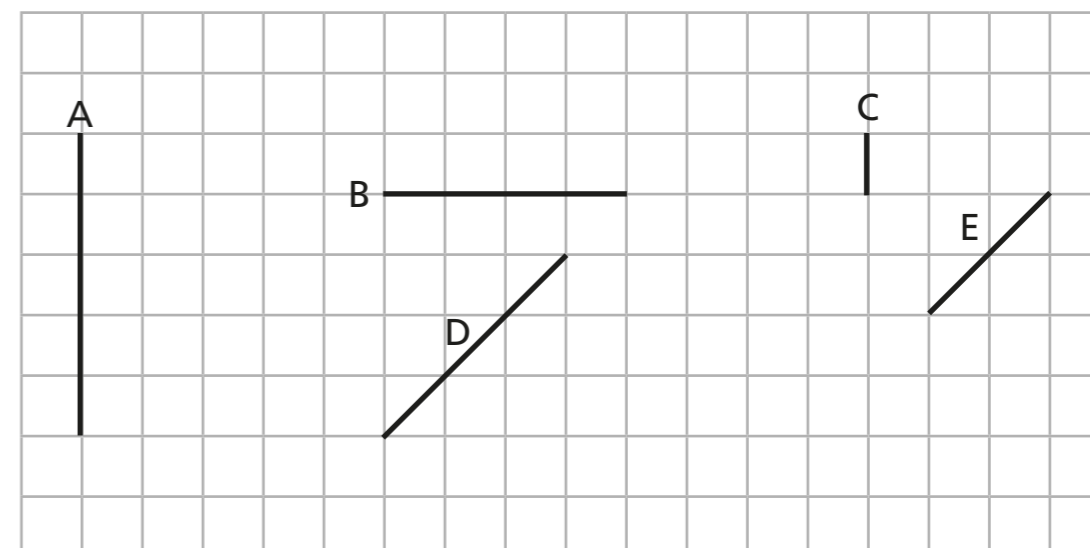
b)



Do you agree with Alex? _____

Talk about your answers with your adult.

9 Five lines are drawn on the grid.



a) Which two pairs of lines are parallel?

b) Which two pairs of lines are perpendicular?

