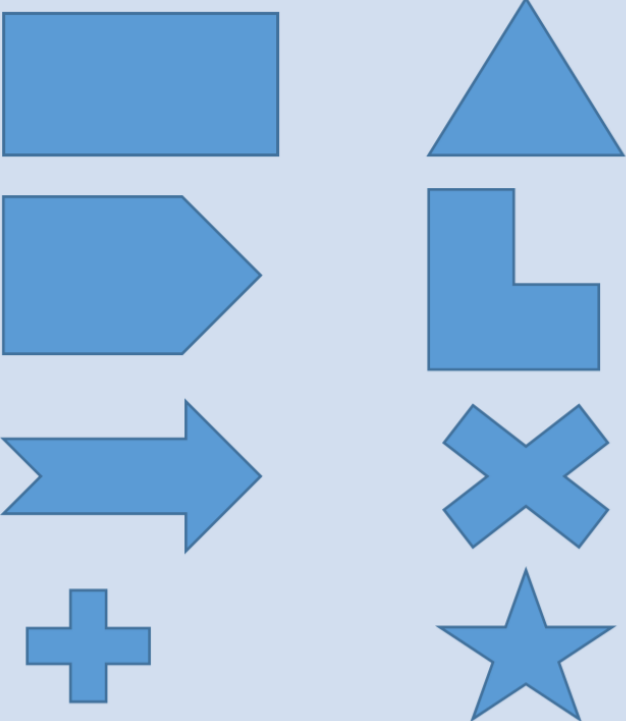
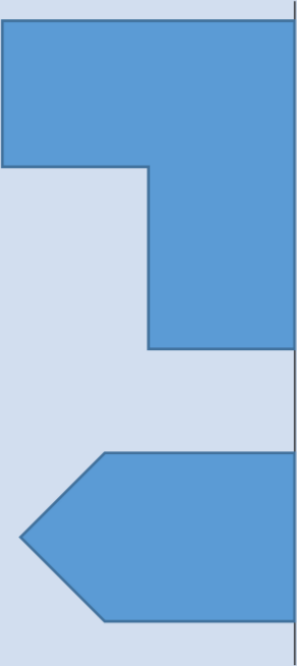


Y4 Maths 2.4.20

- Identify lines of symmetry in 2D shapes presented in different orientations.
- Complete a simple symmetric figure with respect to a specific line of symmetry

Pre-learning Task Use a ruler and try to be as accurate as you can.

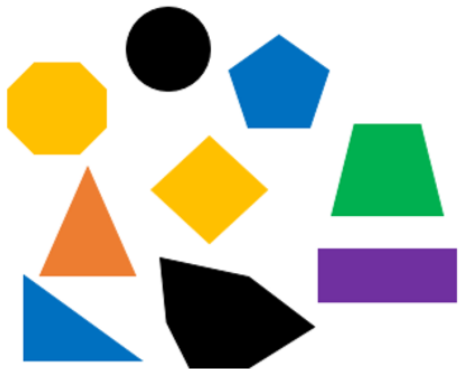
Show the lines of symmetry in the shapes shown below:	Complete the figures by looking at the line being the line of symmetry
	

1 Find and draw the lines of symmetry in these shapes.

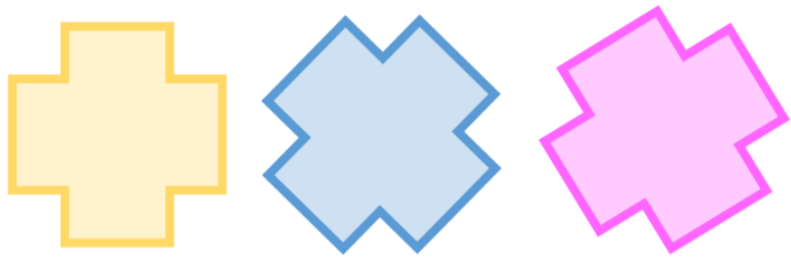


2 Sort the shapes into the table.

	1 line of symmetry	More than 1 line of symmetry
Up to 4 sides		
More than 4 sides		

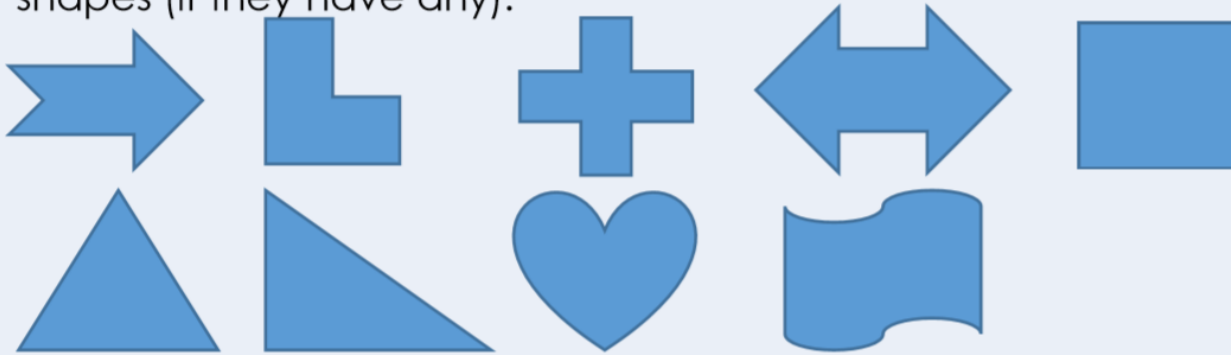


3 Draw the lines of symmetry in these shapes.

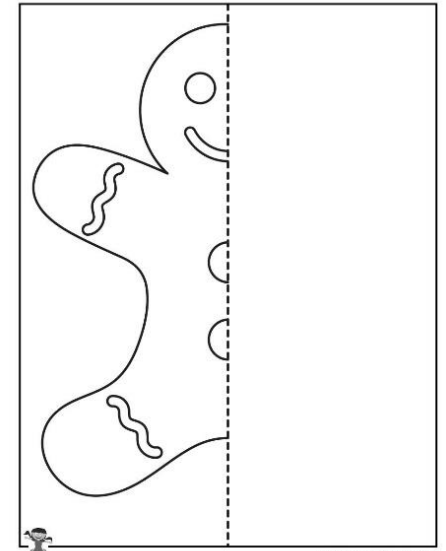
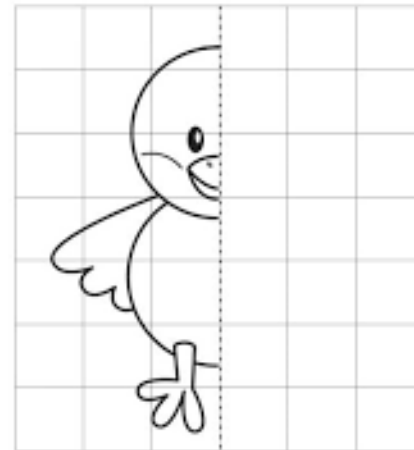
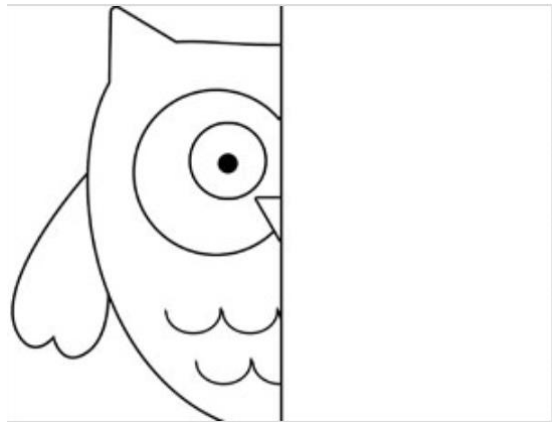


Use folded paper to create symmetrical effect.
Do so by folding once and then by folding twice.
Now use paint to create a more creative example.

Mark clearly all the lines of symmetry associated with these shapes (if they have any):



Complete the drawings by reflecting the shape on the other side of the line of symmetry.



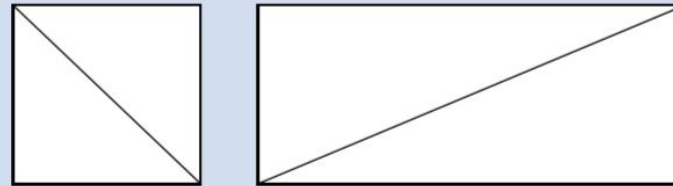
If pupils have mastered this objective they will be able to complete these activities independently:

Symmetry in Nature

Find as many examples of symmetrical patterns in nature that you can see or can find out about.



Are these both lines of symmetry?



If not, why not?

Explain your reasoning.

Symmetrical Shapes

Draw a 2D shape that has no more than one line of symmetry.

Draw a 2D shape that has 2 lines of symmetry.

Draw a 2D shape that has more than 2 lines of symmetry.

Human Face



Many human faces are almost perfectly symmetrical. Take a photograph of yourself, print it out and fold in half.

Glue the half in to your maths book and draw as accurately as you can the other half.