


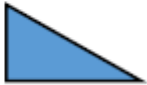





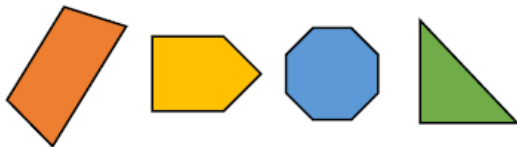
Monday 13th March 2023

MPI: identifying the properties of 2D shapes

Shape	Name of shape	Sides	Vertices
			
			
			
			
			

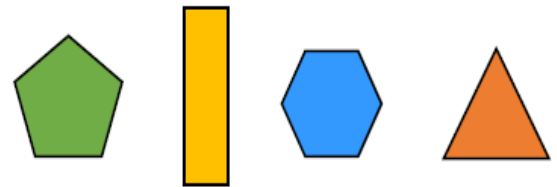
Put these shapes in order from the least number of sides to the most.

Which shape would be third?



(least) \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_ (most)

Put these shapes in order based upon the number of vertices they have.



(least) \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_ (most)

I'm thinking of a 2-D shape with more than 3 sides.



What shape could Whitney be thinking of?

Are there any other shapes it could be?

What shape is Whitney definitely not thinking about? How do you know?



Tuesday 14th March 2023

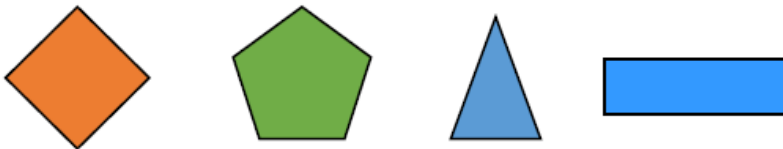
MPI: recognising lines of symmetry

Draw the following shapes.

1. A rectangle that is 4cm long and 3cm wide.
2. A square that has a side of 5cm.

Add the lines of symmetry in red pen.

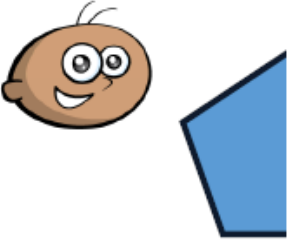
Draw the vertical lines of symmetry on these shapes.



Reasoning challenge




Tommy has placed a mirror on the vertical line of symmetry. This is what he sees:



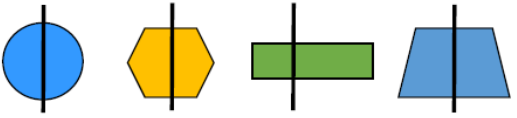
Can you complete the other half of the shape?

Which shape goes in each part?

	vertical line of symmetry	no vertical line of symmetry
3 sides		
more than 3 sides		



Which shape has got an incorrect line of symmetry?



Explain why.