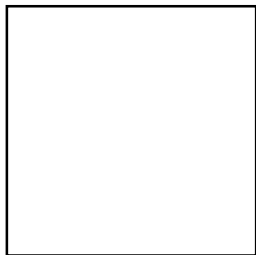
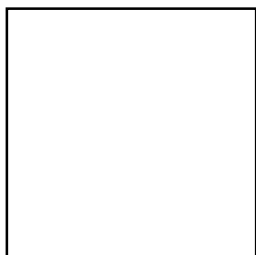
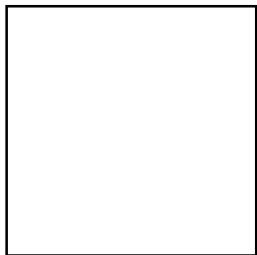


Lines of symmetry

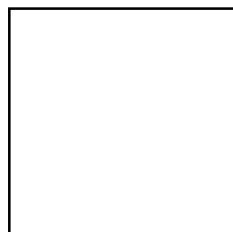
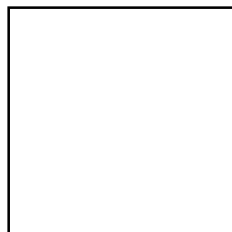


Problem solving and reasoning cards.

Draw three 4-sided shapes showing a vertical line of symmetry.

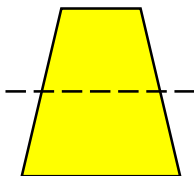
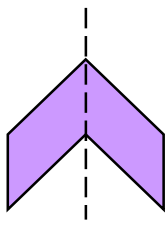
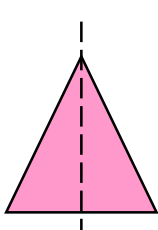


Draw a line of symmetry on these squares to create two different 2D shapes.



What 2D shapes have you made?

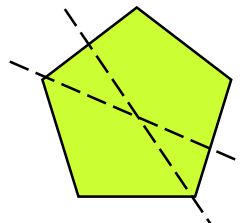
Kat has drawn a vertical line of symmetry on the shapes below.



Spot the mistake. Explain your answer.



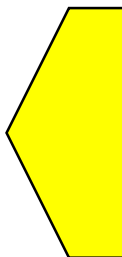
This 2D shape has 3 lines of symmetry.



Is Dom correct?

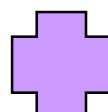
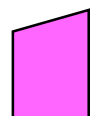
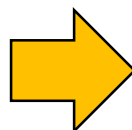
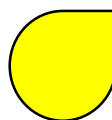
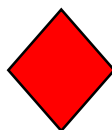
Draw the other lines of symmetry to prove it.

Draw the missing half of the shape that would be reflected in the line of symmetry.



What is the 2D shape you have completed? Explain how you know.

Tick (✓) which of these shapes **more** than one line of symmetry.

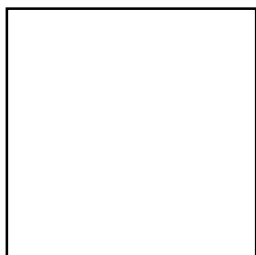


Lines of symmetry



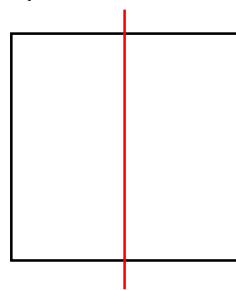
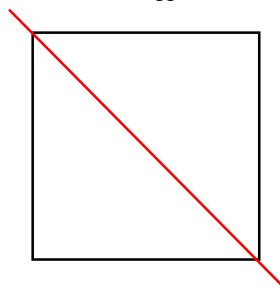
Problem solving and reasoning cards.

Draw three 4-sided shapes showing a vertical line of symmetry.



Children could draw either a square, rectangle, rhombus, kite or trapezium.

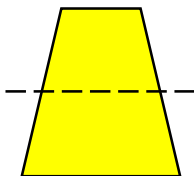
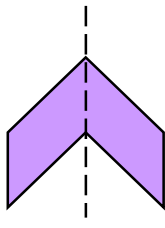
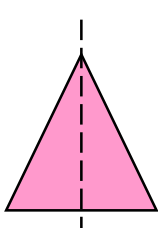
Draw a line of symmetry on these squares to create two different 2D shapes.



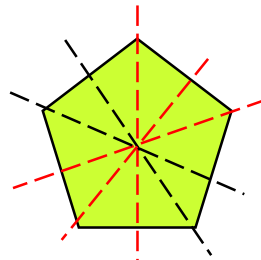
What 2D shapes have you made?

2 triangles and 2 rectangles.

Kat has drawn a vertical line of symmetry on the shapes below.



This 2D shape has 3 lines of symmetry.



Spot the mistake. Explain your answer.

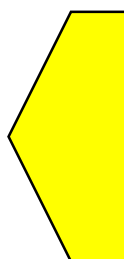
The line on the trapezium is horizontal and does not show symmetry. It needs to be vertical.

Is Dom correct?

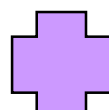
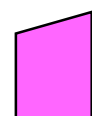
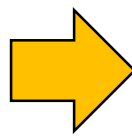
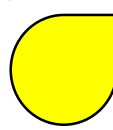
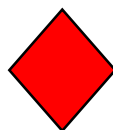
No.

Draw the other lines of symmetry to prove it.

Draw the missing half of the shape that would be reflected in the line of symmetry.



Tick (✓) which of these shapes **more** than one line of symmetry.



What is the 2D shape you have completed? Explain how you know.

Hexagon. A Hexagon has 6 sides.