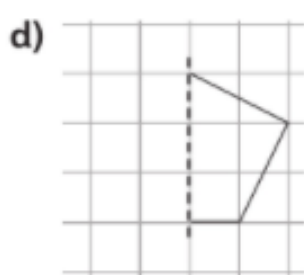
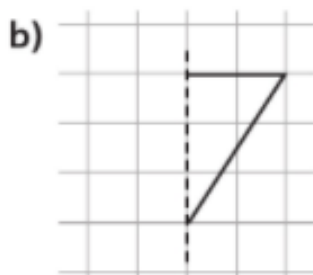
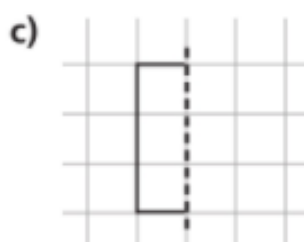


Finding lines of symmetry

- 1 Draw a line of symmetry on each of these shapes.



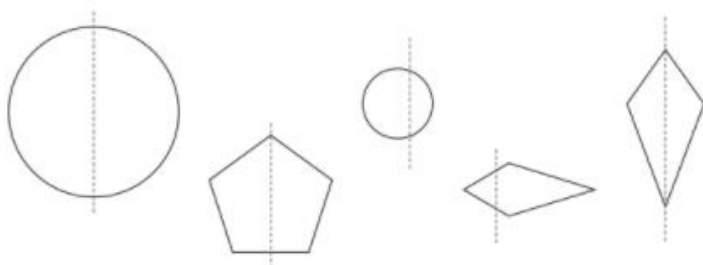
- 2 Complete the symmetrical shapes.



- 3 Match the folded shapes to the whole shapes.



- 4 Tick or cross each shape to show whether the line of symmetry is correct.

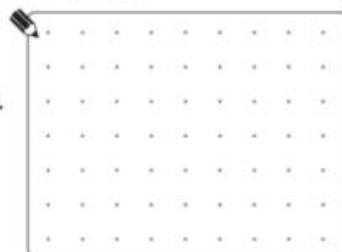


- 5 Draw half a shape that would unfold to be a quadrilateral.



- 6 Make a symmetrical shape by folding and cutting a piece of paper.

Draw it here and show the line of symmetry.



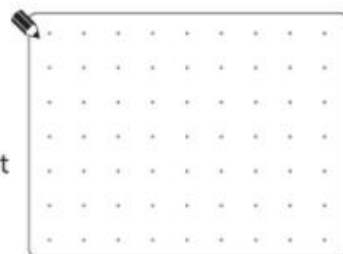
CHALLENGE

Reflect

I have a shape. It has fewer than five vertices. It is symmetrical.

Explain to your partner what this shape could look like.

Now draw the shape.

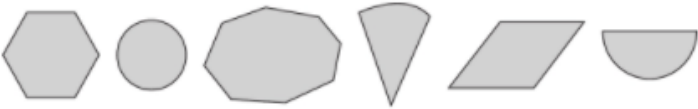


Sorting 2D shapes

1 Match each shape to the correct group.

Polygons

Not polygons

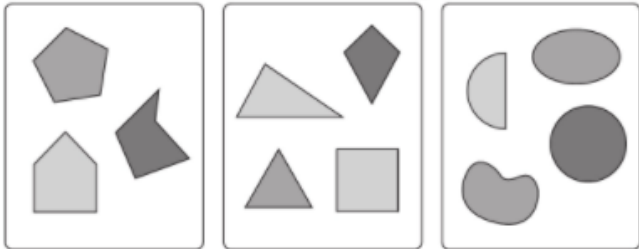


2 Sort these shapes into order by number of vertices, from the fewest number of vertices to the most.



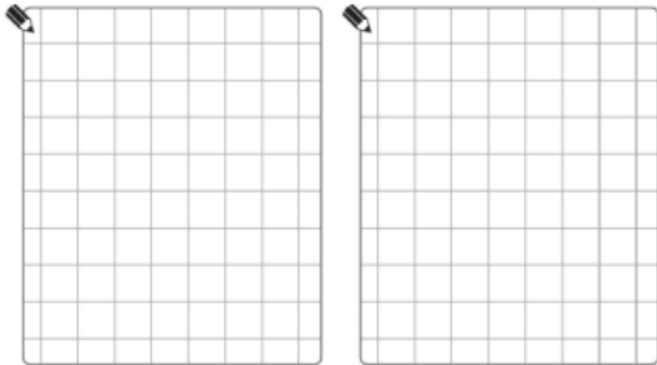
Fewest _____ Most

3 Write labels for these groups.



4 Draw two different shapes to go in each group.

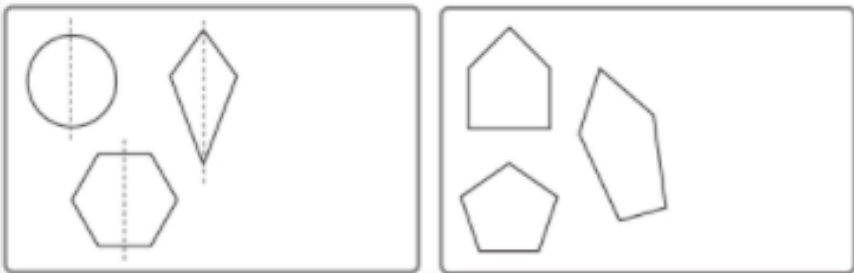
Odd number of vertices Even number of vertices



5 a) Draw two different shapes, one that could go in each group.



b) Draw a shape that could go in both groups.



Reflect



Explain how you could sort these shapes into two groups so each group has the same number of shapes in it.

• _____

• _____

• _____