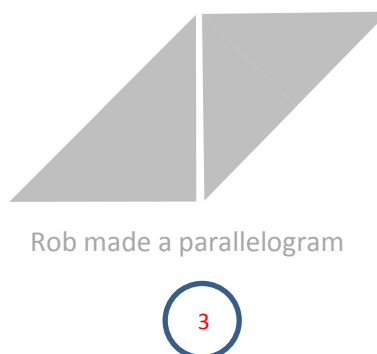
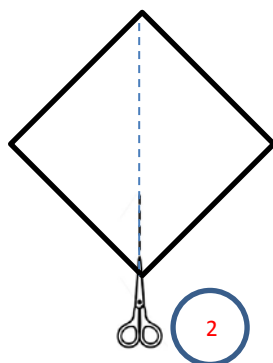
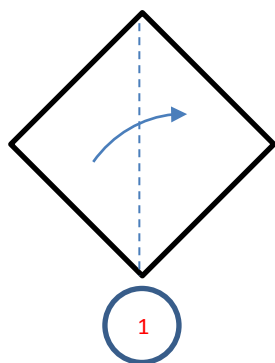


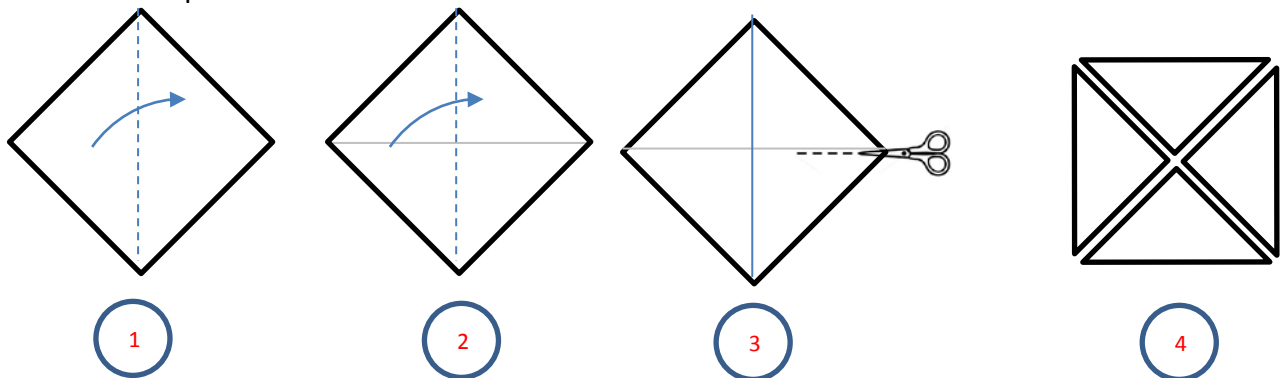
## 1. Represent Transformation

- (a) Robert folded a square of paper in half from corner to corner. Then he cut it in half along the fold. He put his pieces of paper back together again to make new shapes. See if you can do it too. Make a shape with three sides. Make a shape with four sides. Now make a shape with five sides. Can you make any other shapes? Draw the shapes that you make.



Draw your shapes here.....

Beverley folded a square of paper in half from corner to corner and then in half again. Opened it up and then she cut it in half along the fold and cut the two remaining triangles in half. This gave her four congruent triangles. She put his pieces of paper back together again to make a square.



(b) What other shapes could she make by rearranging the triangles? Hint: can you make a square, rectangle, a triangle, a parallelogram, a hexagon Draw your shapes. Can you give a correct name to each shape you make?

Draw your shapes here.....