



Construct



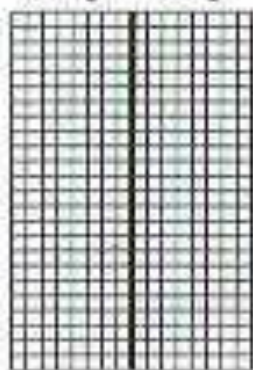
Cut out the four circles on the RCM.

Then cut each of these circles into quarters.

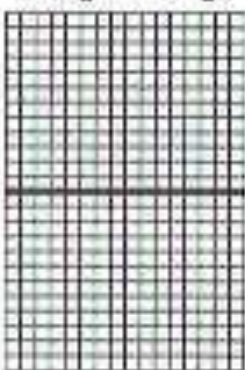
Now using some or all of the 16 quarters, place them onto squared paper to make a symmetrical pattern. Your pattern can have a vertical, a horizontal or a diagonal line of symmetry.

What different patterns can you make?

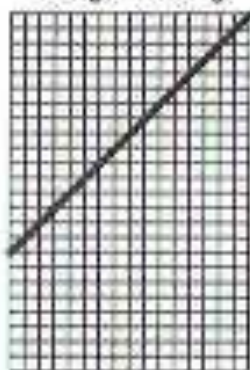
Vertical line
of symmetry



Horizontal line
of symmetry



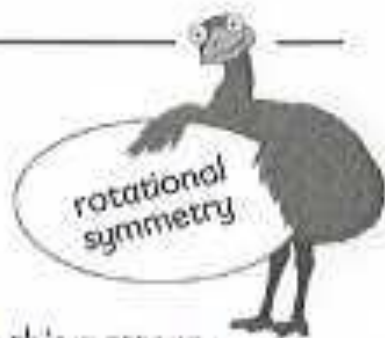
Diagonal line
of symmetry



Glue your best patterns onto squared paper.



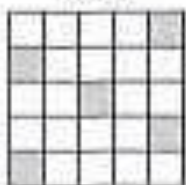
Looking for Patterns



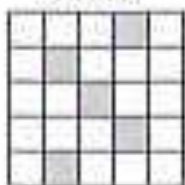
Look at the grids below. Moving from Grid 1 to Grid 3, the pattern of shaded squares changes.

Identify the pattern and colour Grids 4 and 5 following this pattern.

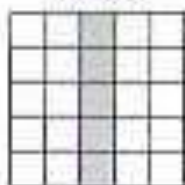
Grid 1



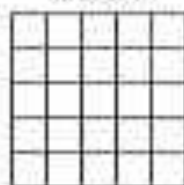
Grid 2



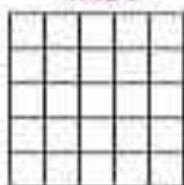
Grid 3



Grid 4



Grid 5



Look at the five completed grids. Which pairs of grids, when placed side-by-side, show reflective symmetry?

Draw these pairs of grids on squared paper.

