## This task is about drawing a rotation and reflection of a shape.

Your teacher has given you a bird shape to use in this task. On Sheet 1 there is a bird on a grid.

a) Starting at the bird, use your bird shape to draw a bird where it would be if you completed a  $\frac{1}{2}$  rotation. Label this bird A.

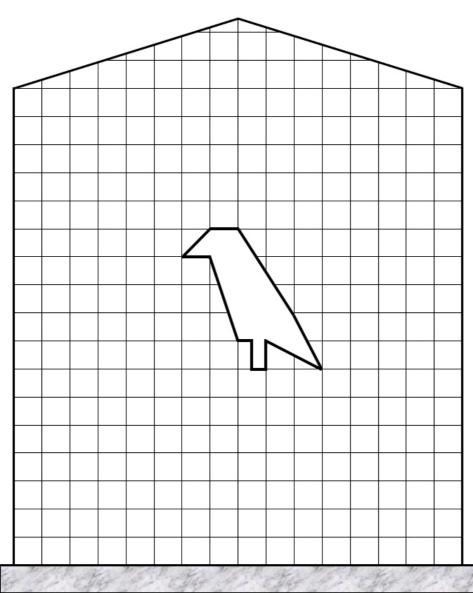
b) Starting at the bird, use your bird shape to draw a bird where it would be if you completed a  $\frac{1}{4}$  rotation clockwise. Label this bird B.

c) Starting at the bird, use your bird shape to draw a bird where it would be if you completed a

 $\frac{1}{4}$  rotation anti-clockwise. Label this bird C.

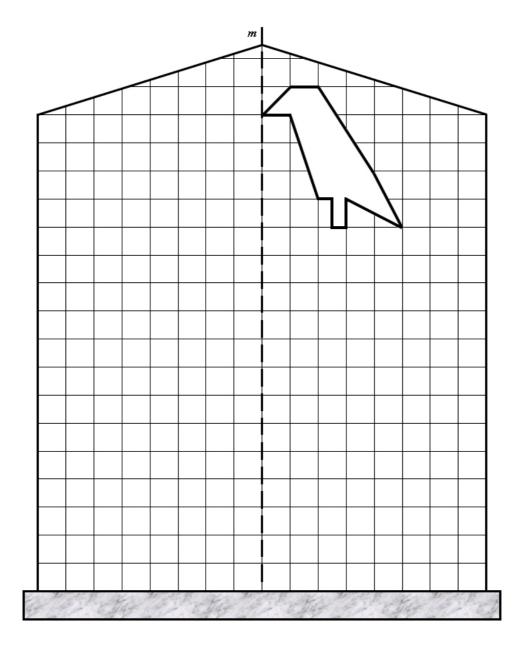
d) Use your bird shape to draw another bird on the grid where it would be when you have reflected it on the mirror line (m).

On sheet 2 there is a bird on a grid. A mirror line (m) has been drawn.



Sheet 1





Published on Assessment Resource Banks (https://arbs.nzcer.org.nz)