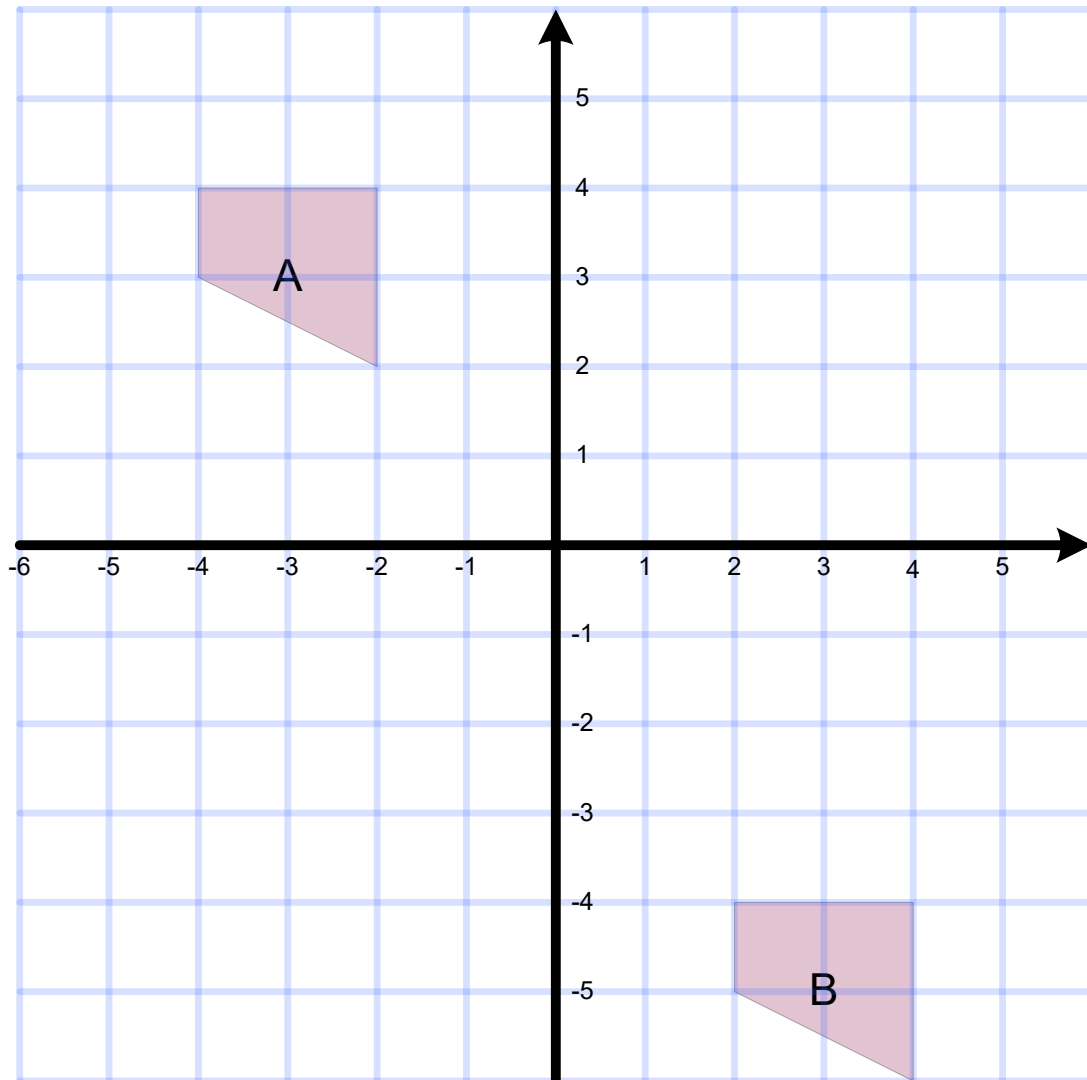


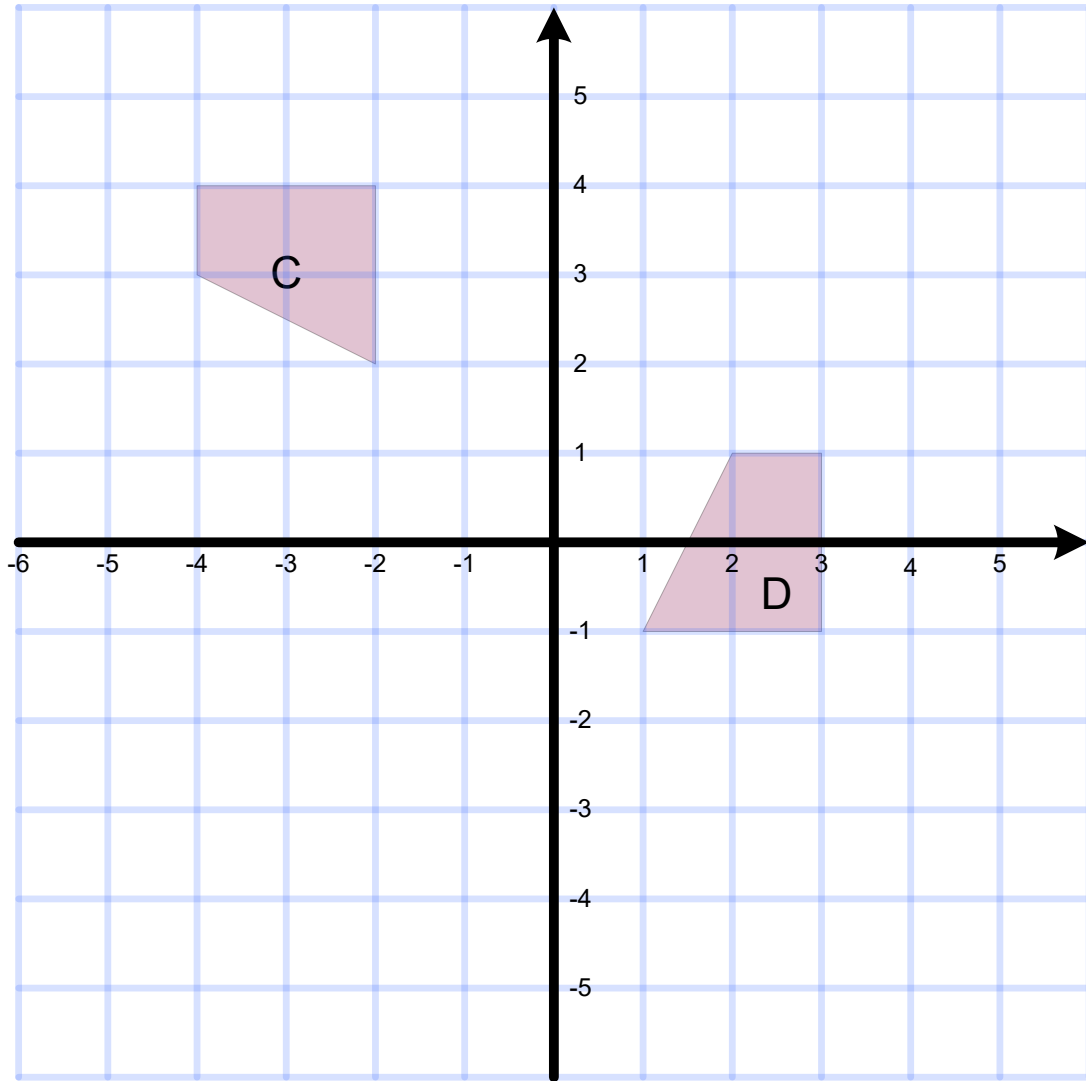
Name: _____ Maths Class: _____

Transformation Assessment



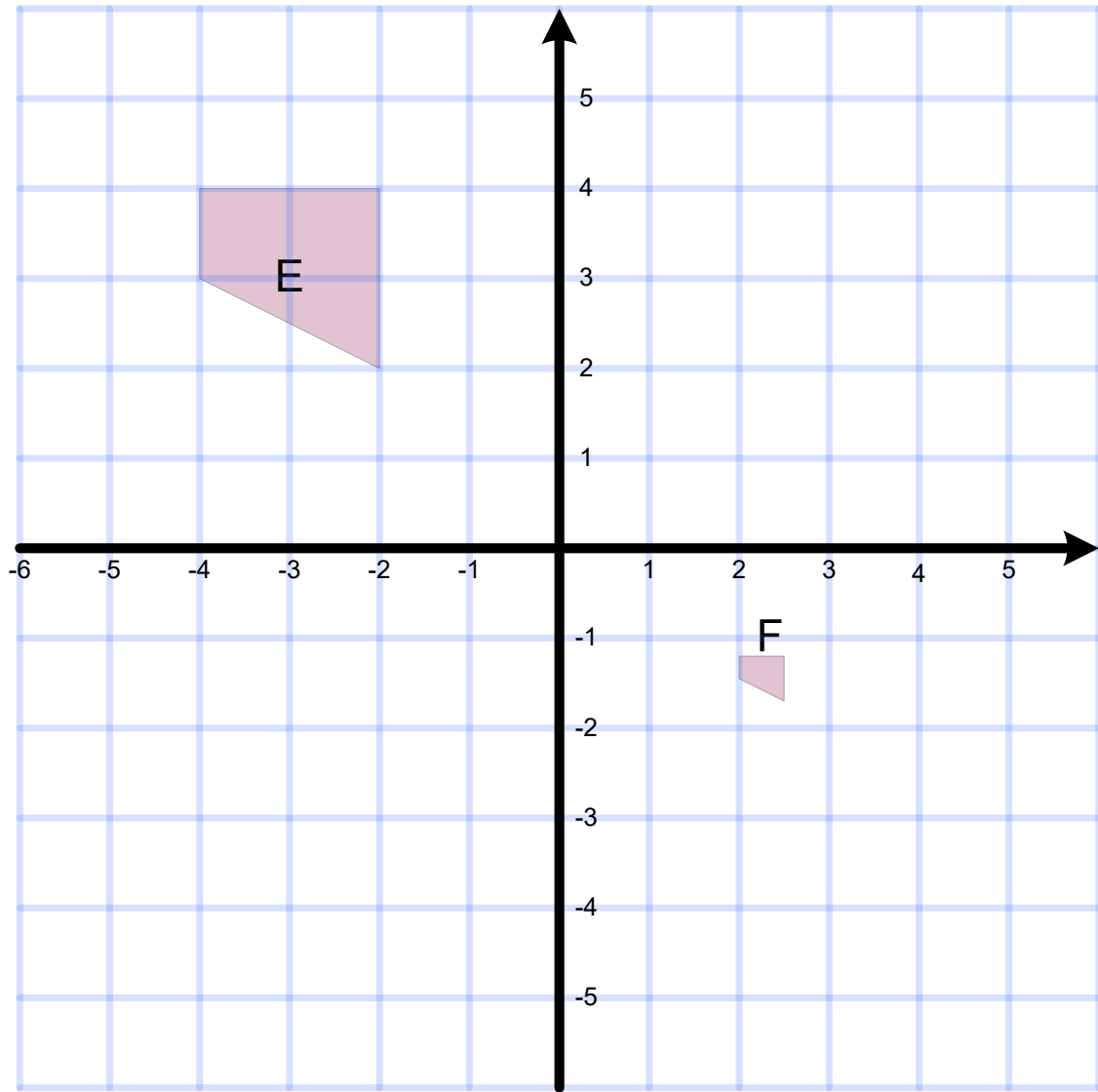
- 1 Describe fully the single transformation that maps A to B.

- 2 Describe fully, the single transformation that maps B to A.



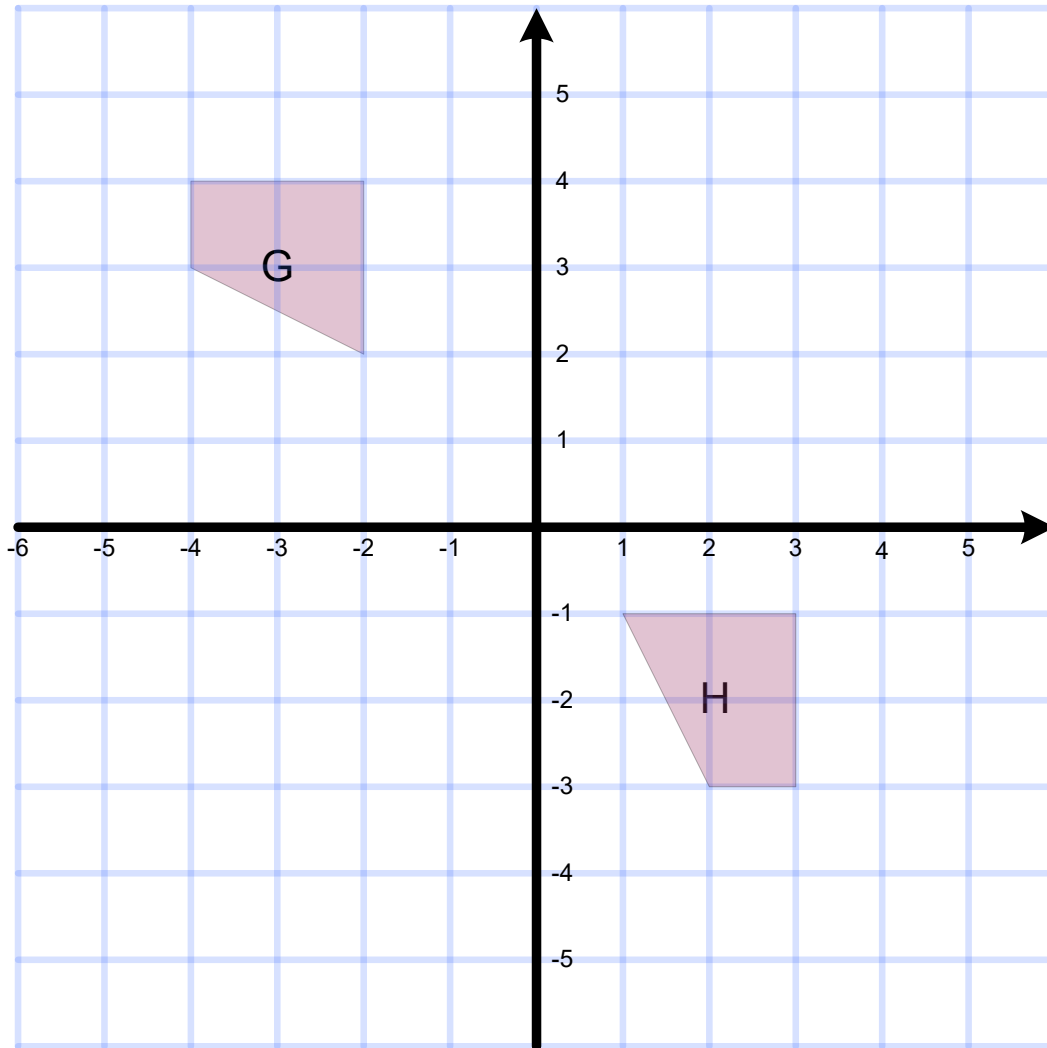
3 Describe fully, the single transformation that maps C to D.

4 Describe fully, the single transformation that maps D to C.



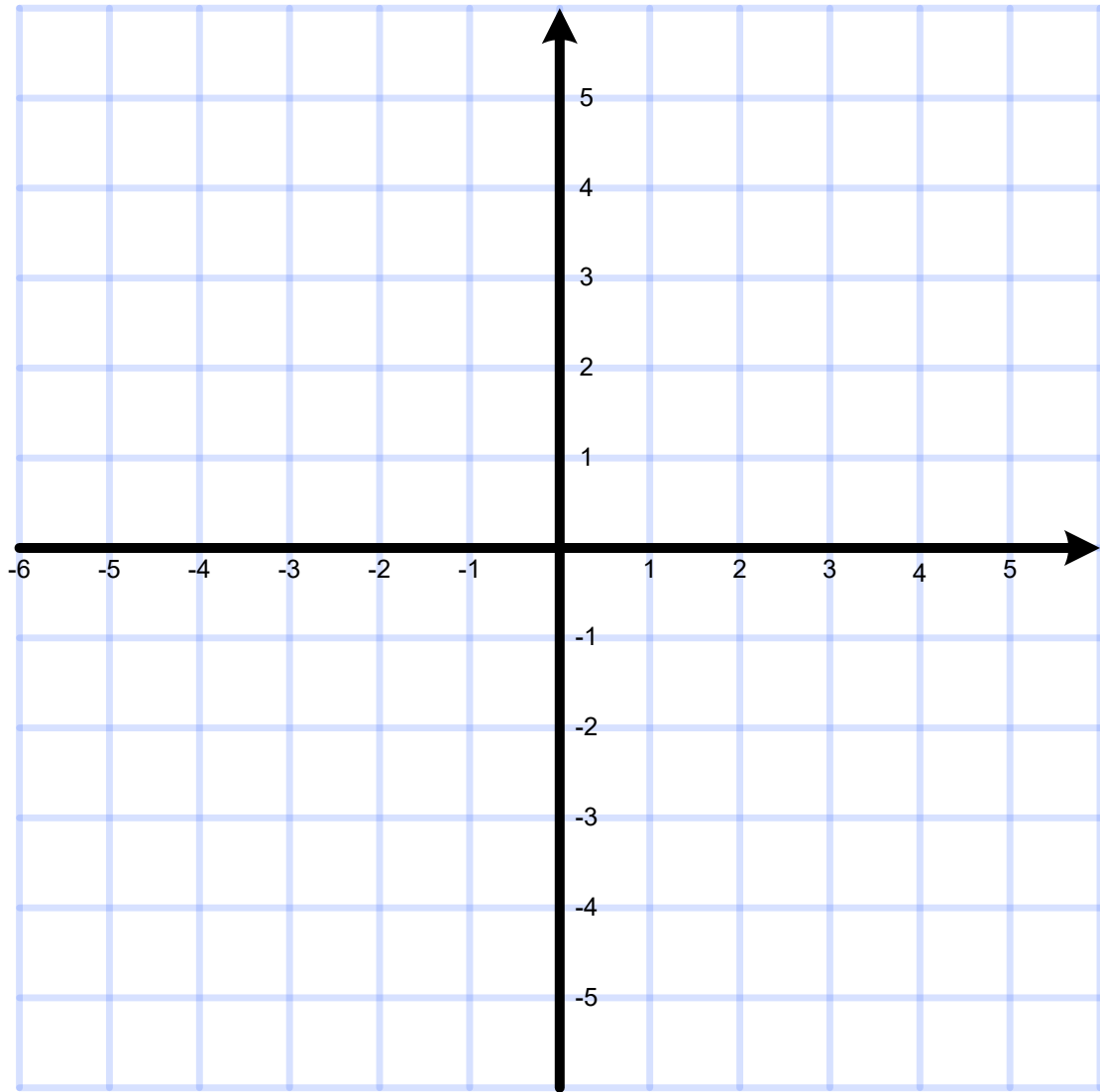
5 Describe fully, the single transformation that maps E to F.

6 Describe fully, the single transformation that maps F to E.



7 Describe fully, the single transformation that maps shape G to H.

8 Describe fully, the single transformation that maps shape H to G.



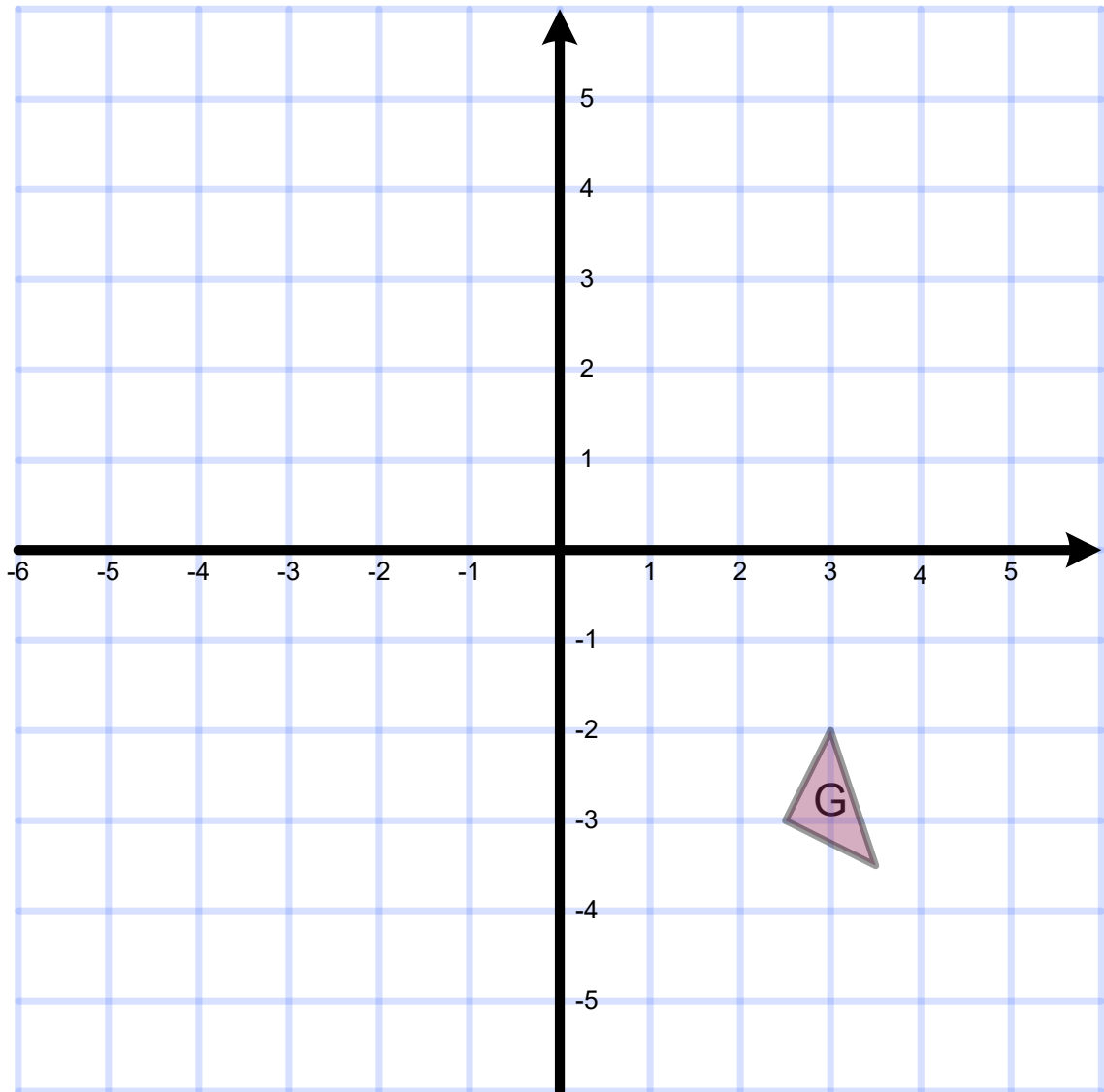
9 A polygon has vertices at the co-ordinates:

$(-3,-1)$, $(-4, 2)$ and $(1,1)$

a. Draw the shape onto the grid and label the polygon A.

The shape is translated $\begin{pmatrix} 4 \\ -3 \end{pmatrix}$.

b. Draw the image of the transformed shape with the mapping above. Label the image B.



- 10 Shape G is enlarged about the centre of enlargement (5, -5).
Map the transformation with a scale factor of 3. Label the image H.