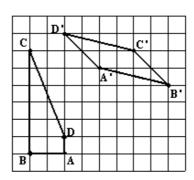
## **Vector translations**

This task is about writing vectors for transformations.



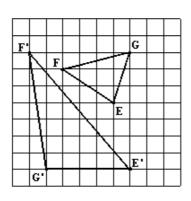
a) Write the vectors required to transform shape ABCD to A' B' C' D'.

i) 
$$A \Longrightarrow A' = \begin{pmatrix} \\ \end{pmatrix}$$

ii) 
$$B \Longrightarrow B' = \begin{pmatrix} \\ \end{pmatrix}$$

iii) 
$$C \longrightarrow C' = \begin{pmatrix} \\ \end{pmatrix}$$

iv) 
$$D \longrightarrow D' = \begin{pmatrix} \\ \end{pmatrix}$$



b) Write the vectors required to transform shape EFG to E' F' G'.

ii) 
$$F \longrightarrow F' = \begin{pmatrix} \end{pmatrix}$$

iii) 
$$G \longrightarrow G' = \begin{pmatrix} \end{pmatrix}$$