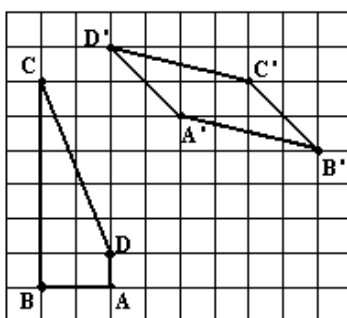


Vector translations

This task is about writing vectors for transformations.



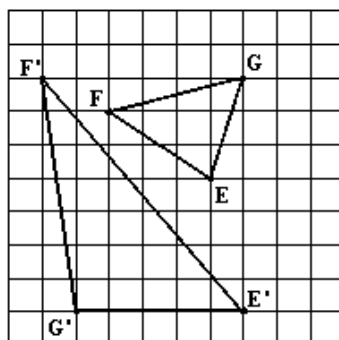
a) Write the vectors required to transform shape ABCD to A' B' C' D'.

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

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

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

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



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

i) $E \Rightarrow E' = \begin{pmatrix} \\ \end{pmatrix}$

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

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