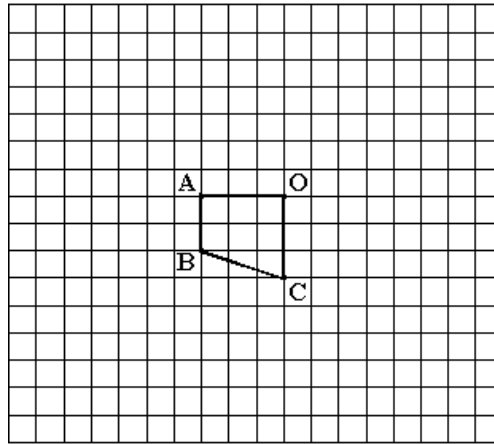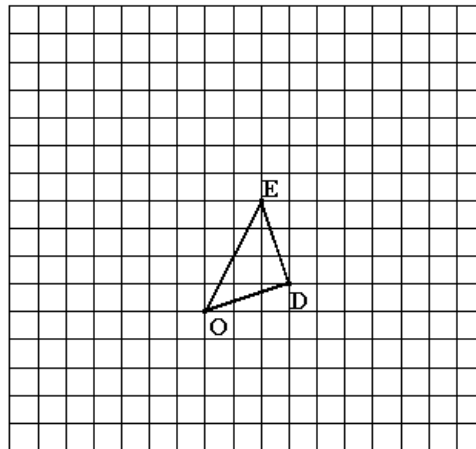# Translating points III

This task is about using vectors to translate points.

a) i)   Translate point A by the vector $\begin{pmatrix} 6 \\ 0 \end{pmatrix}$ and label it P

ii)   Translate point B by the vector $\begin{pmatrix} 6 \\ 4 \end{pmatrix}$ and label it Q

iii) Translate point C by the vector $\begin{pmatrix} 0 \\ 6 \end{pmatrix}$ and label it R

b) i)   Translate point D by the vector $\begin{pmatrix} -4 \\ 2 \end{pmatrix}$ and label it X

ii)   Translate point E by the vector $\begin{pmatrix} -6 \\ -2 \end{pmatrix}$ and label it Y