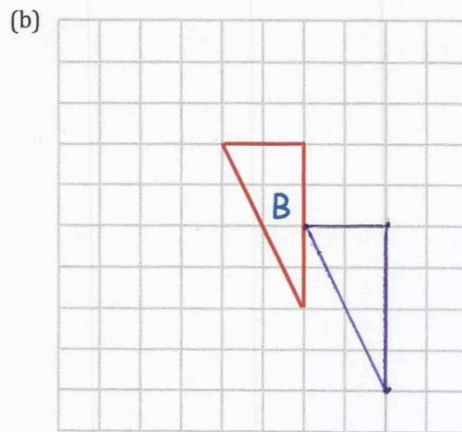
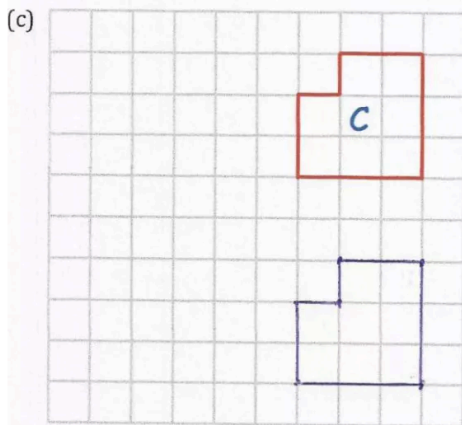


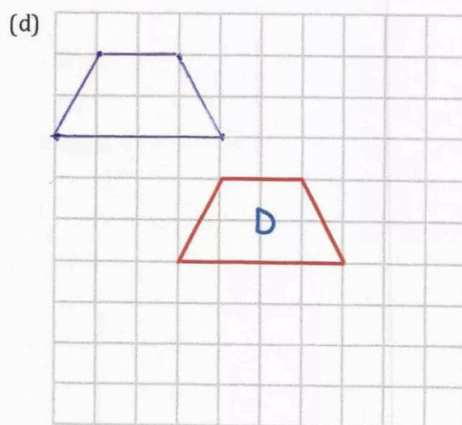
Translate A by $\begin{pmatrix} 3 \\ 1 \end{pmatrix}$



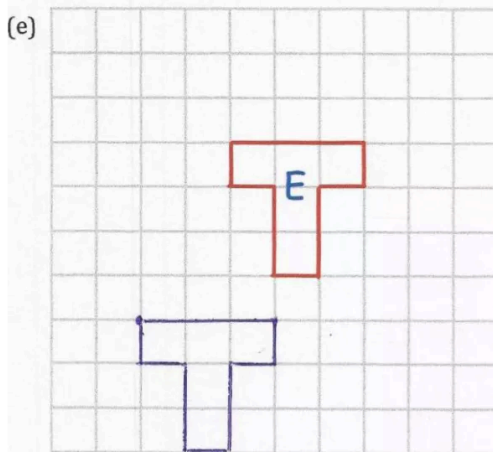
Translate B by $\begin{pmatrix} 2 \\ -2 \end{pmatrix}$



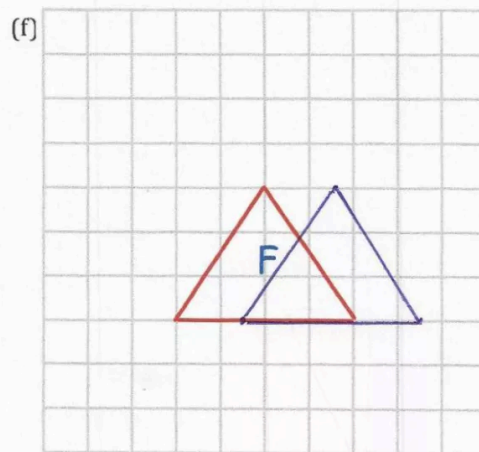
Translate C by $\begin{pmatrix} 0 \\ -5 \end{pmatrix}$



Translate D by $\begin{pmatrix} -3 \\ 3 \end{pmatrix}$



Translate E by $\begin{pmatrix} -2 \\ -4 \end{pmatrix}$



Translate F by $\begin{pmatrix} 1.5 \\ 0 \end{pmatrix}$

Question 2:

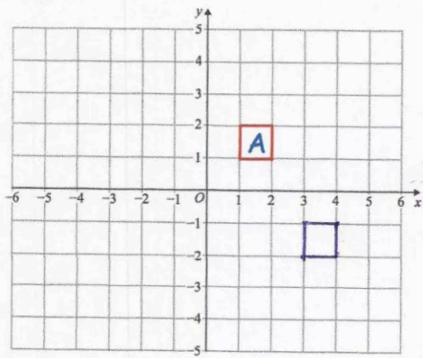
(a) A is translated by the vector $\begin{pmatrix} 5 \\ 1 \end{pmatrix}$

(b) A is translated by the vector $\begin{pmatrix} 0 \\ -5 \end{pmatrix}$

(c) A is translated by the vector $\begin{pmatrix} -3 \\ 5 \end{pmatrix}$

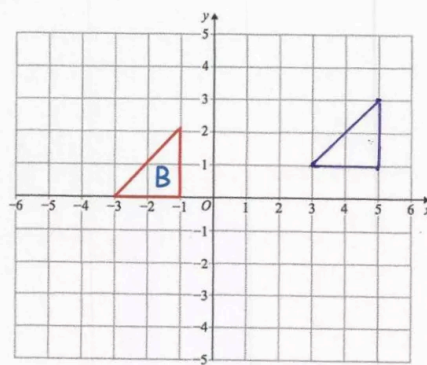
Question 3:

(a)



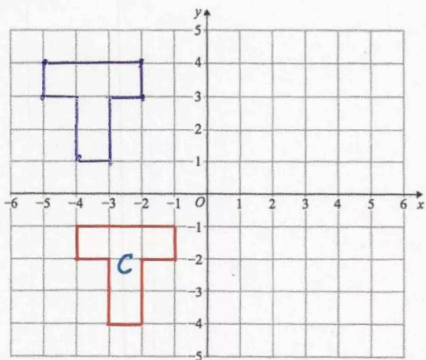
Translate A by $\begin{pmatrix} 2 \\ -3 \end{pmatrix}$

(b)



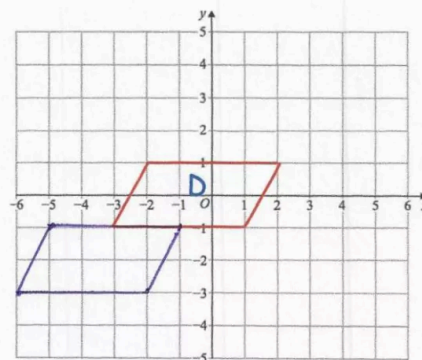
Translate B by $\begin{pmatrix} 6 \\ 1 \end{pmatrix}$

(c)



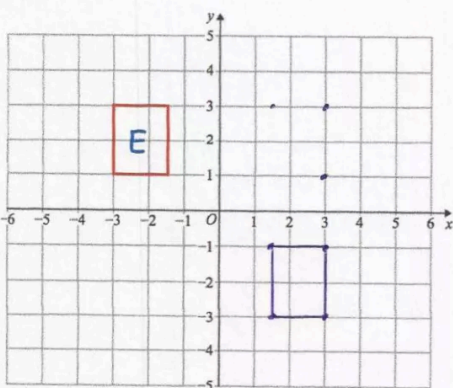
Translate C by $\begin{pmatrix} -1 \\ 5 \end{pmatrix}$

(d)



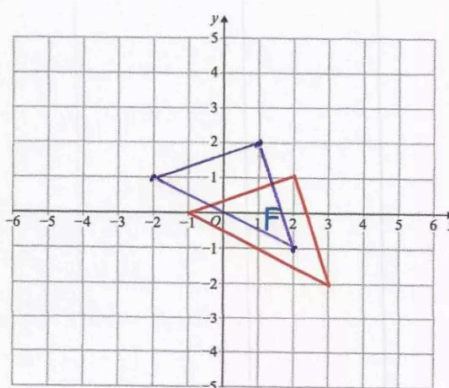
Translate D by $\begin{pmatrix} -3 \\ -2 \end{pmatrix}$

(e)



Translate E by $\begin{pmatrix} 4.5 \\ -4 \end{pmatrix}$

(f)



Translate F by $\begin{pmatrix} -1 \\ 1 \end{pmatrix}$

Question 4:

(a) A is translated by the vector $\begin{pmatrix} 5 \\ 4 \end{pmatrix}$

(b) A is translated by the vector $\begin{pmatrix} 1 \\ -6 \end{pmatrix}$

(c) A is translated by the vector $\begin{pmatrix} -6 \\ 4 \end{pmatrix}$

(d) A is translated by the vector $\begin{pmatrix} 0 \\ -2 \end{pmatrix}$

Question 5: $\begin{pmatrix} -2 \\ 5 \end{pmatrix}$

Question 6: Edward has mistakenly went 4 down and 2 right
He should have moved E 4 left and 2 up
