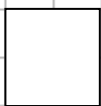


Routine Translations Practice #1

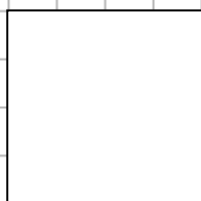
Translate $\begin{pmatrix} 5 \\ 1 \end{pmatrix}$



Translate $\begin{pmatrix} 4 \\ -1 \end{pmatrix}$



Translate $\begin{pmatrix} 3 \\ 2 \end{pmatrix}$



Translate $\begin{pmatrix} 2 \\ 3 \end{pmatrix}$



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



Translate $\begin{pmatrix} 2 \\ 0 \end{pmatrix}$



Translate $\begin{pmatrix} 0 \\ 2 \end{pmatrix}$



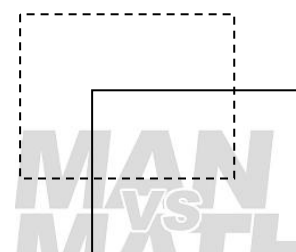
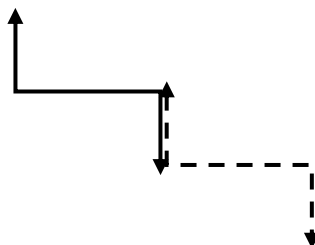
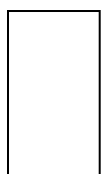
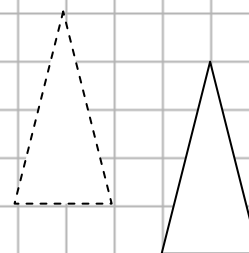
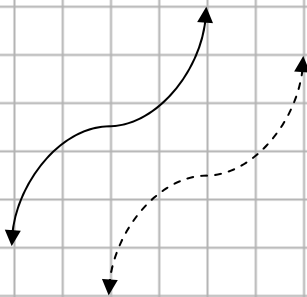
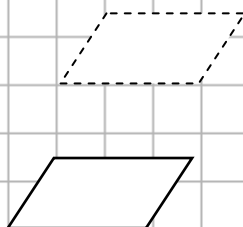
Translate $\begin{pmatrix} -2 \\ 0 \end{pmatrix}$



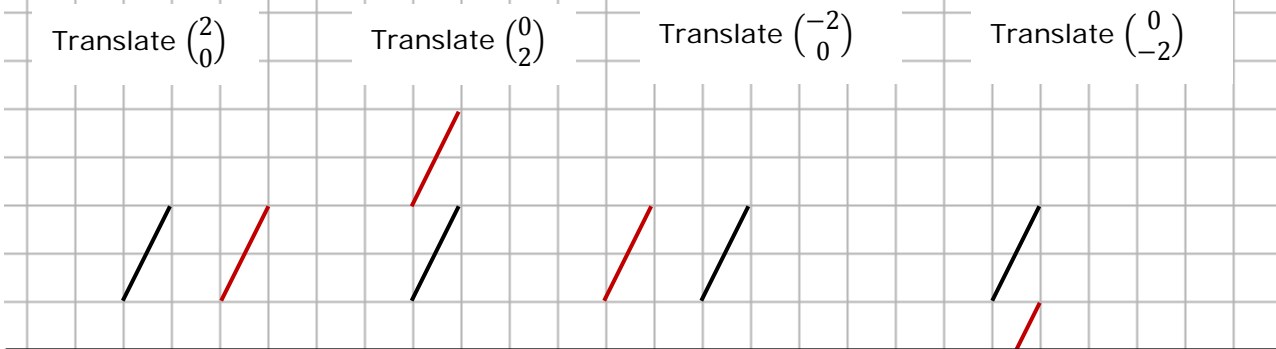
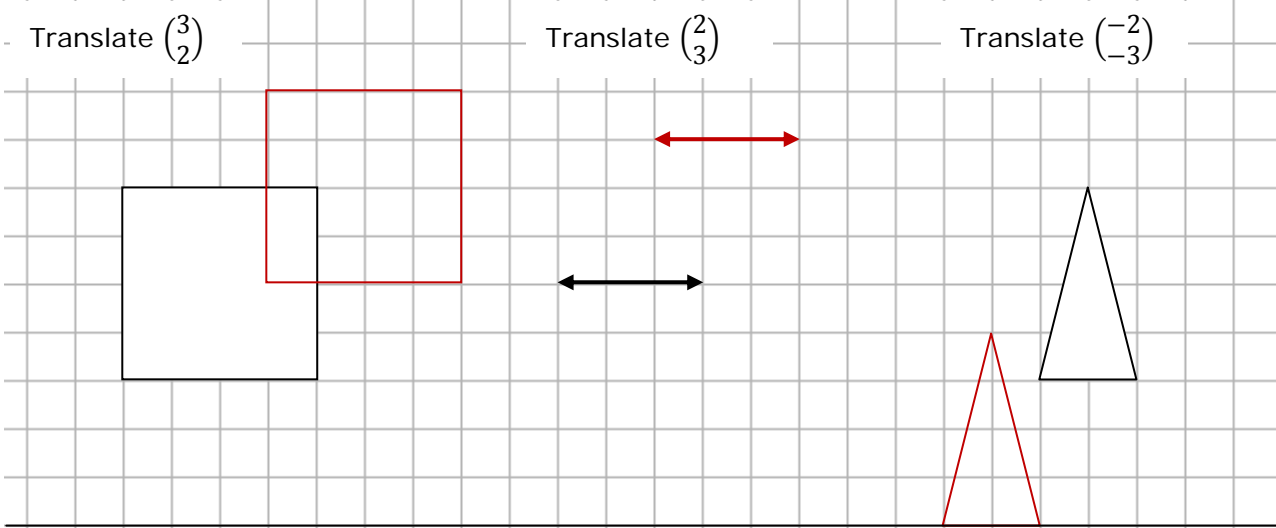
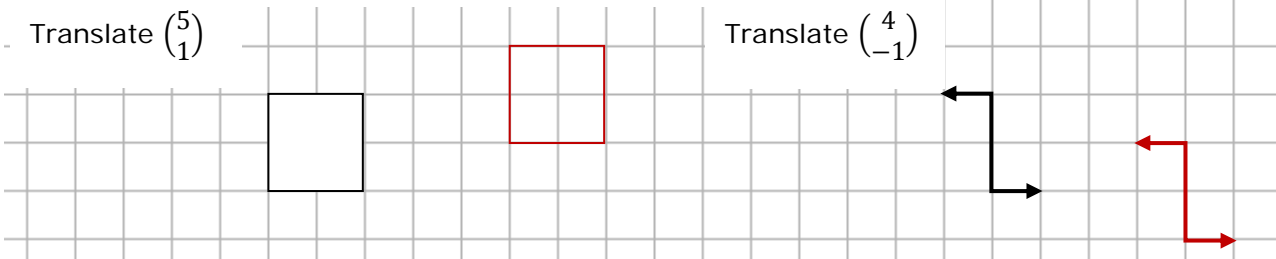
Translate $\begin{pmatrix} 0 \\ -2 \end{pmatrix}$



Describe these translations fully
(the dotted are the images)



Answers: Routine Translations Practice #1



Describe these translations fully (the dotted are the images)

