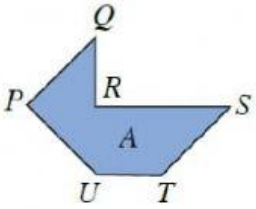
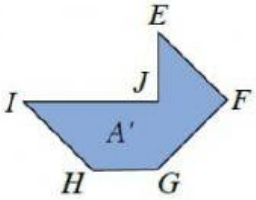
1. Rajah di sebelah menunjukkan bentuk poligon $A$ dipetakan kepada poligon $A'$ di bawah suatu pantulan. Kenal pasti padanan titik



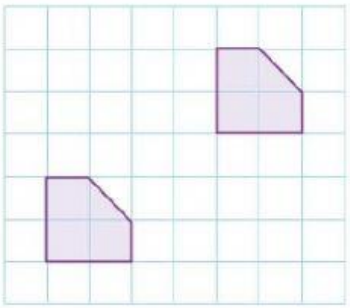




(a) imej bagi titik $P$.

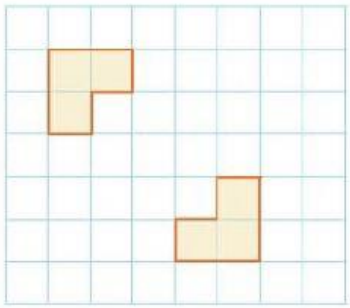
(b) objek bagi titik $G$.

2. Antara rajah berikut, yang manakah translasi dan nyatakan sebabnya.

(a)



(b)



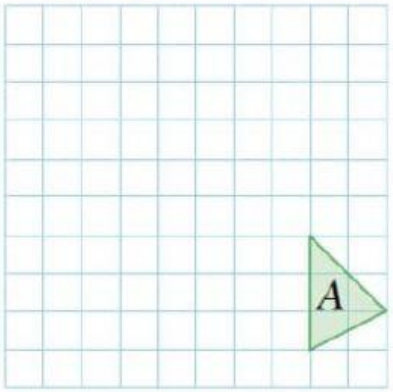
(c)



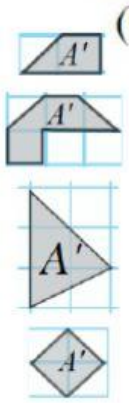
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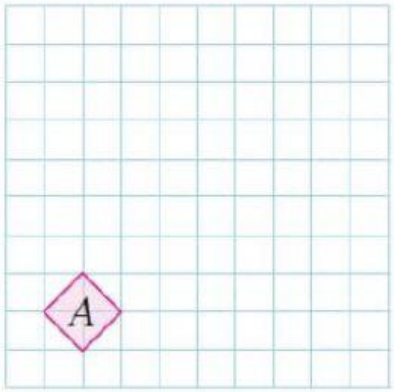
3. Lukis imej bagi objek $A$ di bawah translasi yang diberikan.

(a) $\begin{pmatrix} -7 \\ 4 \end{pmatrix}$

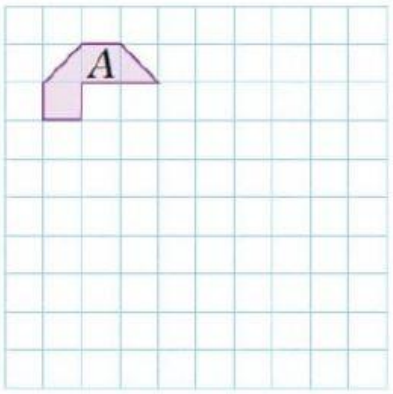



(b) $\begin{pmatrix} 6 \\ 3 \end{pmatrix}$

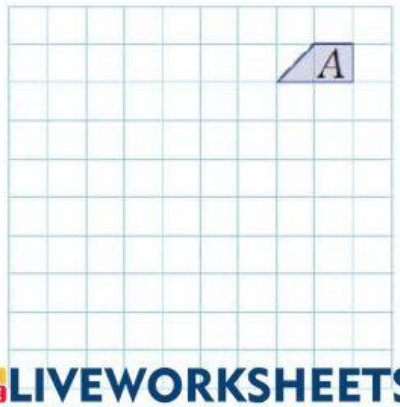



(c) $\begin{pmatrix} 4 \\ -5 \end{pmatrix}$




(d) $\begin{pmatrix} -5 \\ -2 \end{pmatrix}$




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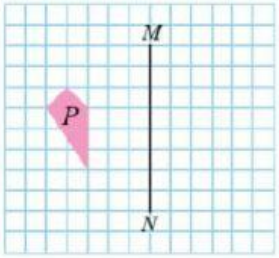
4. Jika titik $K(-2, -2)$ ialah objek, kenal pasti imej di bawah vektor translasi berikut.

(a) $\begin{pmatrix} 0 \\ 2 \end{pmatrix}$ (b) $\begin{pmatrix} 3 \\ -1 \end{pmatrix}$ (c) $\begin{pmatrix} -5 \\ 4 \end{pmatrix}$ (d) $\begin{pmatrix} -3 \\ 4 \end{pmatrix}$ (e) $\begin{pmatrix} -2 \\ 0 \end{pmatrix}$ (f) $\begin{pmatrix} 4 \\ -3 \end{pmatrix}$

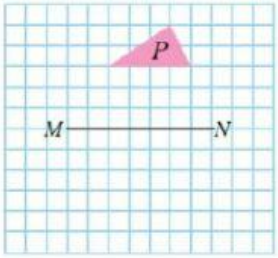
5. Lukis imej $P'$ bagi objek $P$ di bawah pantulan pada garis $MN$.



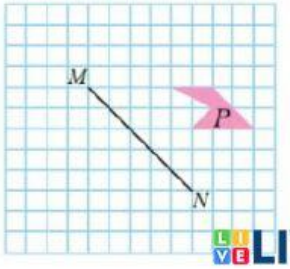
(a)



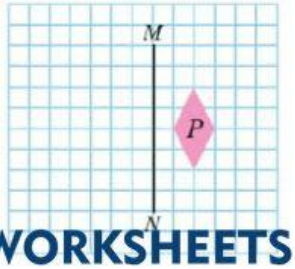

(b)




(c)




(d)




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