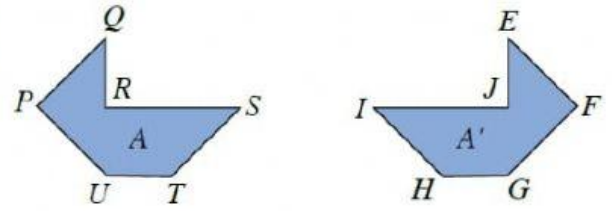
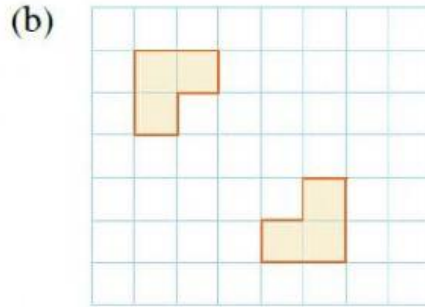
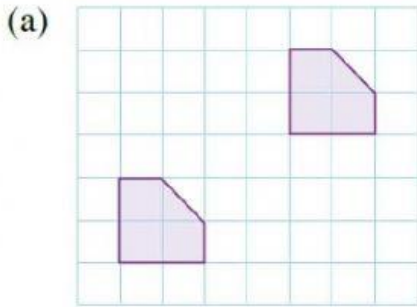


MENJANA KECEMERLANGAN

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

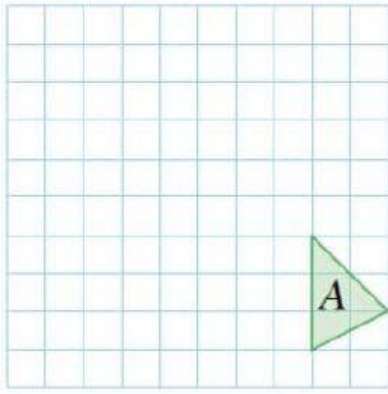


- (a) imej bagi titik P .
(b) objek bagi titik G .
2. Antara rajah berikut, yang manakah translasi dan nyatakan sebabnya.

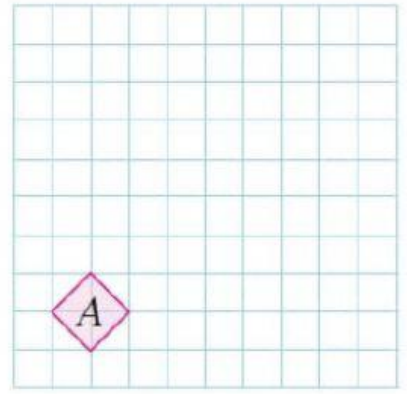


3. Lukis imej bagi objek A di bawah translasi yang diberikan.

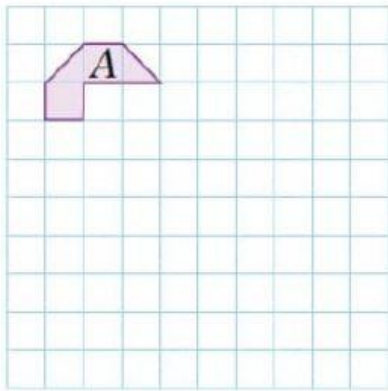
(a) $\begin{pmatrix} -7 \\ 4 \end{pmatrix}$



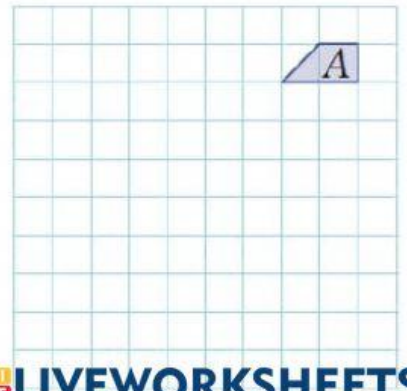
(b) $\begin{pmatrix} 6 \\ 3 \end{pmatrix}$



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



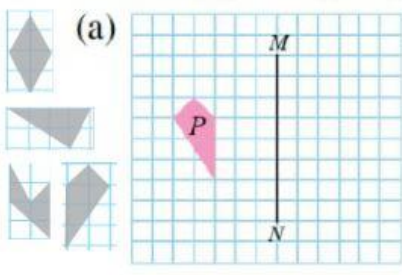
(d) $\begin{pmatrix} -5 \\ -2 \end{pmatrix}$

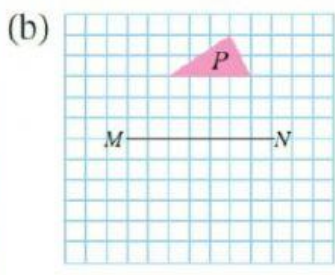


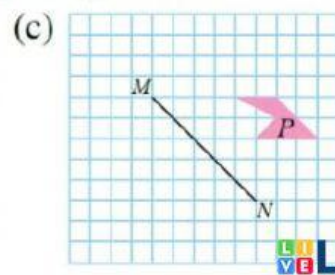
4. Jika titik $K(-2, -2)$ ialah objek, kenal pasti imej di bawah vektor translasi berikut.

- (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) 