

GABUNGAN TRANSFORMASI

Transformation **G** is an translation $\begin{pmatrix} -6 \\ 2 \end{pmatrix}$.

Cari koordinat imej bagi titik (3, 2) di bawah gabungan penjelmaan berikut:

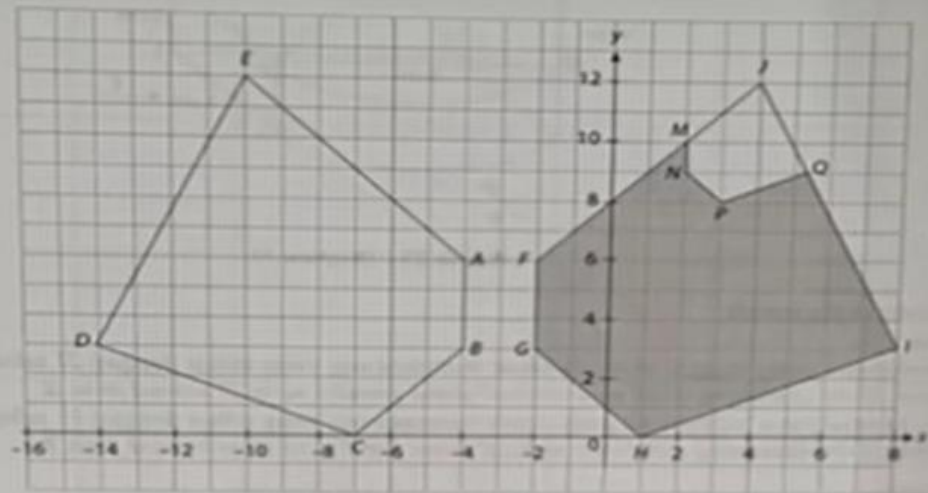
Find the coordinates of the image of point (3, 2) under the following combined transformation:

(i) G^2

(ii) **GF**

[4]

- b) Rajah 12 menunjukkan tiga pentagon *ABCDE*, *FGHIJ* dan *MNPQJ* pada suatu satah Carte
Diagram 12 shows three pentagons *ABCDE*, *FGHIJ* and *MNPQJ* on a Cartesian plane.



Rajah 12 / Diagram 12

MNPQJ ialah imej bagi *ABCDE* di bawah gabungan penjelmaan **TS**. Huraikan selengkapnya
MNPQJ is the image of *ABCDE* under the combined transformation **TS**. Describe in full the transfo

(i) **S**

(ii) **T**

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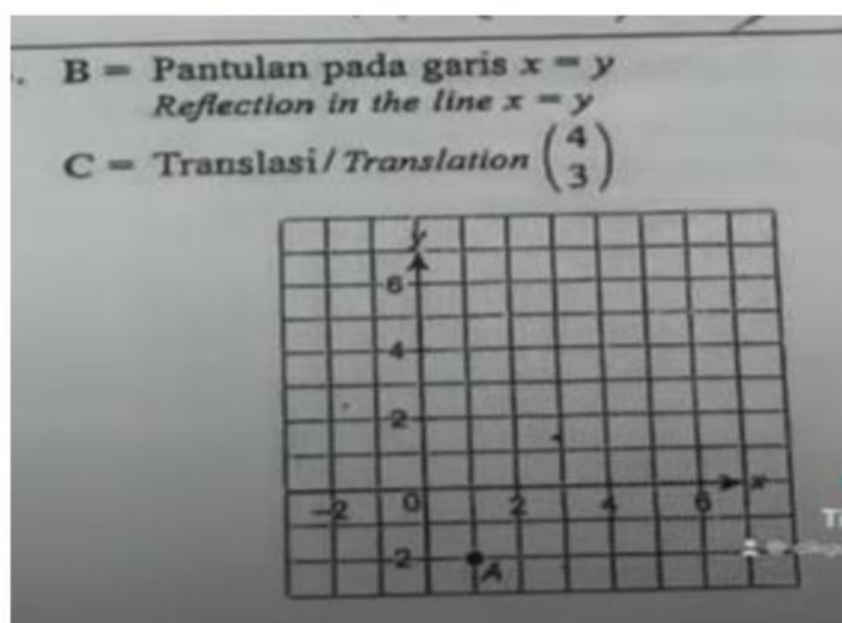
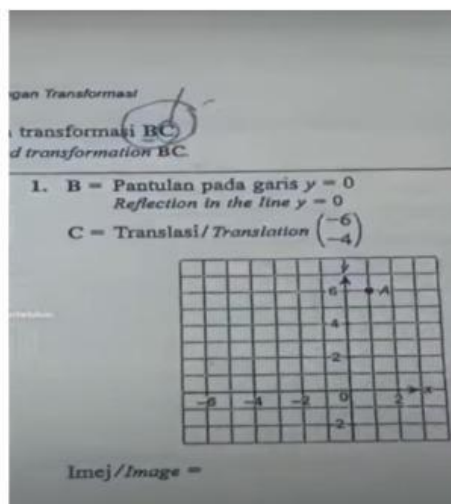
Jawapan / Answer :

(a) (i)

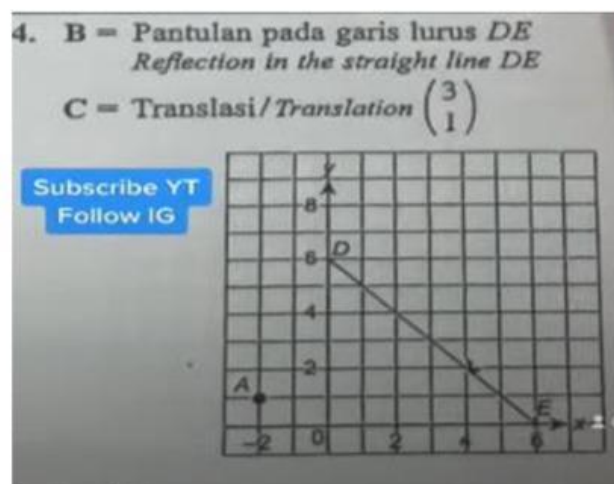
(ii)

(b) (i)

(ii)



IMEJ :



IMEJ: