

8 $\overrightarrow{DE} = \begin{pmatrix} \tilde{} \\ -4 \end{pmatrix}$

(a) Find $5\overrightarrow{DE}$.

$\begin{pmatrix} \\ \end{pmatrix}$ [1]

(b) Find $|\overrightarrow{DE}|$.

..... [2]

(c) D is the point $(-2, -3)$.

Find the coordinates of the point E .

(..... ,) [2]