

**Term Test A version 2**

**(1)** [5 points] Find the product  $AB$ .

$$A = \begin{pmatrix} 3+3i & 6i \\ -5 & -4-7i \end{pmatrix} \quad B = \begin{pmatrix} -5+6i & -4-7i \\ 2-5i & -7+2i \end{pmatrix} \quad (1)$$

**(2)** [5 points] **(3)** [5 points] **(4)** [5 points] **(5)** [5 points] **(6)** [5 points]