3apara 1

a) A.B & B.A & I (ne onpegeneueo)

D) A.B: 2x3 B.A≠

a) A.B.: 8x8 B.A:+3x3

2) A.B. YXY B.A. YXY

3apara 2

$$A+B=\begin{pmatrix} 5 & -3 \\ 3 & 5 \end{pmatrix}; A.B=\begin{pmatrix} 4 & -11 \\ 12 & -3 \end{pmatrix}$$

Zagara 3

$$= \begin{pmatrix} 3 & 21 \\ 9 & -18 \end{pmatrix} - \begin{pmatrix} 0 & 10 \\ 4 & -2 \end{pmatrix} + \begin{pmatrix} 8 & -16 \\ 4 & 4 \end{pmatrix} = \begin{pmatrix} 11 & -5 \\ 9 & -12 \end{pmatrix}$$

3agara 4

$$A^{\frac{7}{2}} \begin{pmatrix} 45 & 2 \\ 1-2 & 3 \end{pmatrix}$$

$$AA^{7} = \begin{pmatrix} 17 & 18 & 11 \\ 18 & 29 & 4 \\ 11 & 4 & 13 \end{pmatrix}$$
 $A^{7}A = \begin{pmatrix} 45 & 0 \\ 0 & 14 \end{pmatrix}$