Individual hometask

Group 202. Variant 1

1. Let $A = \begin{pmatrix} -1 & 2 & 1 \\ 4 & -7 & -5 \\ -5 & 5 & 9 \end{pmatrix}$. Find such B, that $AB = E$

2. Find such B, that $AB = E$ if:
$$A = \begin{pmatrix} -1 & 2 & 1 \\ 4 & -7 & -5 \\ -5 & 5 & 9 \end{pmatrix}$$