Given the matrix
$$\begin{bmatrix} 2 & 7 \\ 5 & 17 \end{bmatrix},$$

(a) does the inverse of the matrix exist? Choose Yes or No.

☐

(b) if your answer is yes, write the inverse here.

$$\begin{bmatrix} \square & \square \\ \square & \square \end{bmatrix}$$

Given the matrix

$$\begin{bmatrix} 2 & 7 \\ 5 & 17 \end{bmatrix},$$

(a) does the inverse of the matrix exist? Choose Yes or No.

Yes

(b) if your answer is yes, write the inverse here.

$$\begin{bmatrix} \boxed{-17} & \boxed{7} \\ \boxed{5} & \boxed{-2} \end{bmatrix}$$