



ชื่อ-นามสกุล.....

กลุ่มเรียน.....

เมทริกซ์

จงหาไมเนอร์ของสมาชิกทุกตัวของเมทริกซ์ต่อไปนี้

$$1) A = \begin{bmatrix} 1 & 2 \\ -2 & 7 \end{bmatrix}$$

$$M_{11}(A) =$$

$$M_{12}(A) =$$

$$M_{21}(A) =$$

$$M_{22}(A) =$$

$$3) D = \begin{bmatrix} 2 & 9 \\ 7 & 5 \end{bmatrix}$$

$$M_{11}(D) =$$

$$M_{12}(D) =$$

$$M_{21}(D) =$$

$$M_{22}(D) =$$

$$2) B = \begin{bmatrix} -1 & 7 \\ 3 & 0 \end{bmatrix}$$

$$M_{11}(B) =$$

$$M_{12}(B) =$$

$$M_{21}(B) =$$

$$M_{22}(B) =$$

$$4) E = \begin{bmatrix} 5 & -5 \\ -1 & -6 \end{bmatrix}$$

$$M_{11}(E) =$$

$$M_{12}(E) =$$

$$M_{21}(E) =$$

$$M_{22}(E) =$$

$$5) F = \begin{bmatrix} 0 & -8 & 5 \\ -7 & 10 & 9 \\ 2 & 7 & -3 \end{bmatrix}$$

$$M_{11}(F) = \begin{vmatrix} & & \\ & & \\ & & \end{vmatrix} = - =$$

$$M_{12}(F) = \begin{vmatrix} & & \\ & & \\ & & \end{vmatrix} = - =$$

$$M_{13}(F) = \begin{vmatrix} & & \\ & & \\ & & \end{vmatrix} = - =$$

$$M_{21}(F) = \begin{vmatrix} & & \\ & & \\ & & \end{vmatrix} = - =$$

$$M_{22}(F) = \begin{vmatrix} & & \\ & & \\ & & \end{vmatrix} = - =$$

$$M_{23}(F) = \begin{vmatrix} & & \\ & & \\ & & \end{vmatrix} = - =$$

$$M_{31}(F) = \begin{vmatrix} & & \\ & & \\ & & \end{vmatrix} = - =$$

$$M_{32}(F) = \begin{vmatrix} & & \\ & & \\ & & \end{vmatrix} = - =$$

$$M_{33}(F) = \begin{vmatrix} & & \\ & & \\ & & \end{vmatrix} = - =$$

