2.) a)
$$E + F$$

b.) rEF , $r = 4$

$$E = \begin{pmatrix} 1 & 2 & 0 \\ 2 & -2 & 1 \end{pmatrix}, \quad F = \begin{pmatrix} 2 & -1 & 3 \\ 0 & 4 & -2 \\ 1 & 1 & 0 \end{pmatrix}$$

Answays'

a) $E + F = \begin{pmatrix} 1 & 2 & 0 \\ 1 & 2 & 4 \end{pmatrix} + \begin{pmatrix} 2 & -1 & 3 \\ 0 & 4 & 2 \\ 1 & 1 & 0 \end{pmatrix}$

$$\begin{pmatrix} 1 + 2 & 2 + (-1) & 0 + 3 \\ -1 + 0 & 3 + 4 & 4 + (-1) \\ 2 + T & -2 + 3 & 2 + 0 \end{pmatrix}$$

$$E + F = \begin{pmatrix} -1 & 2 & 2 \\ -2 & 1 & 2 \\ 3 & -1 & 3 \end{pmatrix}$$

$$E + F = \begin{pmatrix} 1 & 2 & 0 \\ -1 & 2 & 2 \\ 2 & -1 & 2 \end{pmatrix}$$

$$\begin{pmatrix} 2 & -1 & 3 \\ 2 & 2 & 1 \\ 2 & 3 & 3 \end{pmatrix}$$

$$E + F = \begin{pmatrix} 1 & 2 & 0 \\ -1 & 2 & 2 \\ 2 & 3 & 3 \end{pmatrix}$$

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$$E + F = \begin{pmatrix} 1 & 2 & 0 \\ -1 & 3 & 4 \\ 2 & 3 & 4 \end{pmatrix}$$

$$E + F = \begin{pmatrix} 2 & 4 & -1 \\ 2 & 3 & -1 \\ 3 & 3 & 4 \end{pmatrix}$$

$$E + F = \begin{pmatrix} 2 & 4 & -1 \\ 2 & 3 & -1 \\ 3 & 3 & 4 \end{pmatrix}$$

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$$E + F = \begin{pmatrix} 2 & 4 & -1 \\ 2 & 3 & -1 \\ 3 & 3 & 4 \end{pmatrix}$$

$$E + F = \begin{pmatrix} 3 & 4 & -1 \\ 2 & 3 & -1 \\ 3 & 3 & 4 \end{pmatrix}$$

$$E + F = \begin{pmatrix} 4 & 2 & 4 & -1 \\ 2 & 3 & -1 \\ 3 & 3 & 4 \end{pmatrix}$$

$$E + F = \begin{pmatrix} 4 & -1 & 3 \\ 2 & 3 & -1 \\ 3 & 3 & 4 \end{pmatrix}$$

$$E +$$