

$$\begin{bmatrix} \bullet & \bullet \\ \bullet & \bullet \end{bmatrix} \sqcup \begin{bmatrix} \bullet & \bullet \\ \bullet & \bullet \end{bmatrix} = \begin{bmatrix} \bullet & \bullet & \bullet & \bullet \\ \bullet & \bullet & \bullet & \bullet \end{bmatrix}$$

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