

$$\det \begin{pmatrix} \text{blue square} & \text{red rectangle} \\ 0 & 0 & 0 & 0 & \text{orange square} \\ 0 & 0 & 0 & 0 & \end{pmatrix} = \det \begin{pmatrix} \text{blue square} \end{pmatrix} \cdot \det \begin{pmatrix} \text{orange square} \end{pmatrix}$$