Ex 1) Compute the determinant of $\begin{pmatrix} 1 & 0 & 2 \\ 1 & 2 & 1 \\ 1 & 0 & 1 \end{pmatrix}$

Ex 2) Compute the determinant of $\begin{pmatrix} 1 & 3 & 0 & 1 \\ 0 & 2 & 0 & 0 \\ 2 & 0 & 0 & 1 \\ 1 & 0 & 0 & 0 \end{pmatrix}$

Ex 3) Compute the determinant of $\begin{pmatrix} 1 & 3 & 2 \\ 0 & 1 & 1 \\ 2 & 0 & 1 \end{pmatrix}$

Ex 4) Compute the determinant of $\begin{pmatrix} 2 - \lambda & 1 \\ 1 & 2 - \lambda \end{pmatrix}$