**4.3 Determinants**

$\left[A\right]=\left[\begin{matrix}1&3\\2&5\end{matrix}\right]$

det $\left[\begin{matrix}1&3\\2&5\end{matrix}\right]$ =

Formula:
$\left|\begin{matrix}a&b\\c&d\end{matrix}\right|$ =

det $\left[\begin{matrix}2&-1&3\\-2&0&1\\1&2&4\end{matrix}\right]$ =

Formula:
$\left|\begin{matrix}a&b&c\\d&e&f\\g&h&i\end{matrix}\right|$ =