

MATH 2E Prep: Determinants

1. Calculate $\begin{vmatrix} 8 & 5 \\ 0 & 12 \end{vmatrix}$.

2. Calculate $\begin{vmatrix} 2 & 3 & 0 \\ 0 & 1 & 5 \\ -2 & 1 & 4 \end{vmatrix}$.

3. Calculate $\begin{vmatrix} 1 & 1 & 1 \\ x & y & z \\ y & z & x \end{vmatrix}$.