

Practice Worksheet**Matrices and Determinants**

Determine the value of the determinant of each matrix.

1. ~~$$\begin{bmatrix} -5 & 2 \\ -8 & \end{bmatrix}$$~~

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

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

4.
$$\begin{bmatrix} 2 & -4 & 1 \\ 3 & 0 & 9 \\ -1 & 5 & 7 \end{bmatrix}$$

5. ~~$$\begin{bmatrix} 8 & -4 \\ 7 & 9 \end{bmatrix}$$~~

6.
$$\begin{bmatrix} 2 & 7 & -6 \\ 8 & 4 & 0 \\ 1 & -1 & 3 \end{bmatrix}$$