

Name: _____ Class: _____ Date: _____

3x3 Inverse Matrices Worksheet #2

Find the inverse of each matrix given the determinant.

1.
$$\begin{bmatrix} 5 & 9 & 7 \\ -2 & 3 & 2 \\ 1 & 0 & 3 \end{bmatrix}$$
 Determinant: 96

2.
$$\begin{bmatrix} 5 & -4 & 1 \\ 2 & -6 & -1 \\ 7 & 1 & 2 \end{bmatrix}$$
 Determinant: 33

3.
$$\begin{bmatrix} 1 & -5 & 2 \\ 5 & 6 & 0 \\ -8 & 4 & -6 \end{bmatrix}$$
 Determinant: -50