

Hwk Matrix Inverse 2x2 and 3x3

Date _____ Period _____

Find the inverse of each matrix.

1)
$$\begin{bmatrix} -2 & 8 \\ 3 & -9 \end{bmatrix}$$

2)
$$\begin{bmatrix} -4 & 8 \\ -5 & 10 \end{bmatrix}$$

3)
$$\begin{bmatrix} 9 & -3 \\ -5 & 2 \end{bmatrix}$$

4)
$$\begin{bmatrix} 6 & -3 & -5 \\ -1 & -5 & 4 \\ 4 & -6 & -1 \end{bmatrix}$$

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