

Name \_\_\_\_\_

Date \_\_\_\_\_

### Null, Identity and Inverse Matrices - Independent Practice Worksheet

Complete complex numbers problems.

A. Write a null matrix of order

1.  $2 \times 7$

2.  $5 \times 4$

3.  $6 \times 3$

B. Write an identity matrix of order

4.  $7$

5.  $3$

6.  $2$

Check whether inverse exists for the following matrix:

7.  $\begin{bmatrix} 6 & 9 \\ 2 & -5 \end{bmatrix}$

9.  $\begin{bmatrix} 9 & 2 \\ 10 & -5 \end{bmatrix}$

8.  $\begin{bmatrix} 4 & 8 \\ 3 & -7 \end{bmatrix}$

10.  $\begin{bmatrix} 4 & 3 \\ 5 & -9 \end{bmatrix}$

