Precalculus Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Matrices – Identity and Inverses

1. Are the following matrices are inverses of each other?
2.  2. 

3.  4. 

Try by hand…then use calculator.

II. Find the inverse of the matrix, if possible. (No decimal answers. Use fractions.)

5.  6. 

7.  8. 

9.  10. 

III. Use a graphing calculator to find the inverse of the matrix.

(No decimal answers. Use fractions…MATHENTERENTER on graphing calculator once you find your answer will change it to fractions.)

11.  12. 

13.  14. 