*Try at home*:

Now that you remember your basic operations, which of the following matrices are idempotent?

and

*Try at home:*

Find the determinant of the following matrices:

*To try at home:*

Find the inverse of the following matrices:

*To try at home:*

Solve the following systems by using the Gauss-Jordan elimination method.

*Try at home:*

Use Cramer’s Rule to solve these system:

Solve for z using Cramer’s Rule:

Prove uniqueness of inverse matrix

Prove various properties as corrolaries

Prove AB^-1 = b^-1a^-1