

Homework #2

Math 2010

Due February 3

All problems should be worked out on your own paper showing all necessary steps required in obtaining the solution. Note: It is possible to check some of your answers using Matlab (although *not* required). To add (subtract) matrices A and B in Matlab, first define the matrices in Matlab as on the first assignment. Then use $A + B$ ($A - B$). To multiply matrices, use $A * B$. To find a transpose of matrix A , you can simply do A' .

1. (2 points) Section 1.3, Number 2
2. (4 1/2 points) Section 1.3, Number 6
3. (2 points) Section 1.3, Number 16
4. (1 1/2 points) Section 1.3, Number 17