MATH 260: Class Preparation Assignment #1

Prof. Capaldi has been having some technical difficulties with recording videos, so for this week we'll be watching some videos from PatrickJMT & Khan Academy on YouTube. There are 3 videos below, we'd like you to watch all three. If you'd like to read the textbook instead or in addition, this is part of Section 3.1 (pg 115-127).

For Class tomorrow, please bring in a HAND WRITTEN solution to problem #2 on Pg 127.

Goals for you Pre-class:

1) Comfortable Adding and Subtracting Matrices

2) Understand Notation of Elements for Matrices

3) Be able to describe the concept of matrix transpose in words

Goals Post-Class:

1) Comfortable multiplying matrices

2) Can consistently and correctly identify the dimensions of the result from a matrix operation.

3) Able to find the transpose of a matrix

4) Develop intuition and experience with matrix operation properties

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Video on Matrix Addition, subtraction, and constant multiplication

<http://youtu.be/EFApWAl3NJw>

Here's Multiplication:

<http://youtu.be/sYlOjyPyX3g>

Finding the Transpose :

<http://youtu.be/2t0003_sxtU>

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