Math 4A: "Quiz" 2
Written by Victoria Kala
Week of May 1, 2017

Name: _____

Circle which section you attend: M 6pm   M 7pm   W 4pm   W 7pm

Consider the following matrices:

$$A = \begin{pmatrix} 1 & 2 & 3 \\ 4 & 5 & 6 \end{pmatrix}, \quad B = \begin{pmatrix} -1 & 0 \\ 3 & -2 \end{pmatrix}, \quad C = \begin{pmatrix} 0 & 1 \\ 7 & -1 \\ 2 & 4 \end{pmatrix}$$

For each of the following exercises, perform the operation if it is defined. If it is undefined, explain why.

1. $A + B$

2. AB

3. $A - 3C^T$

4. CB

5. $ACB + 2B$

6. CA