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| Group Quiz 4Dusty Wilson Math 111No work = no credit No Graphing Calculator | **Name**: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

 (2 pts) What are the dimensions (the order) of the matrix ?

 (2 pts) If , what is 3*B* ?

 (4 pts) If  and , what is ?

 (4 pts) Find 

 (3 pts) Suppose you solve the system  by setting up an augmented matrix and solving using Gauss-Jordan elimination. Interpret the results if the resulting matrix is:

1.  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2.  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3.  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(6 pts) Solve the system  by constructing an augmented matrix and using Gauss-Jordan Elimination.