

# Math 1513 - College Algebra

Quiz #24 - 2011.11.10

Name: \_\_\_\_\_

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1. If  $A$  is a  $2 \times 3$  matrix, and  $B$  is a  $3 \times 5$  matrix, what are the dimensions of the matrix  $AB$ ?

2. Solve the following system of inequalities: 
$$\begin{cases} y \geq x^2 + 1 \\ 3x + 2y \leq 5 \end{cases}$$