

Math 1513 - College Algebra

Quiz #24 - 2011.11.10

Solutions

1. If A is a 3×2 matrix, and B is a 2×4 matrix, what are the dimensions of the matrix AB ?

The matrix AB has dimensions 3×4 .

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

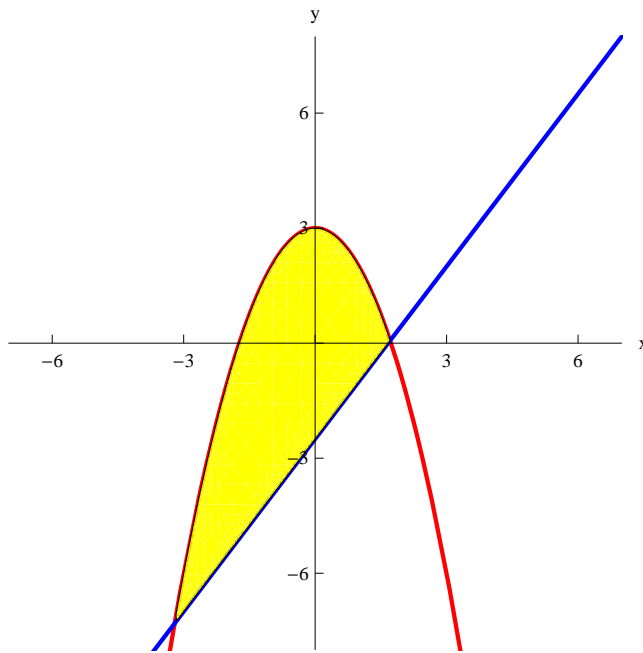


FIGURE 1. Solution is the yellow shaded region between the two graphs