

# Math 1513 - College Algebra

## Written Assignment 15 - Due 2012.04.28

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Directions: Please answer the following question in complete sentences. Be sure to label all geometric objects in any illustrations. I will accept an answer in a scanned image format, in a Word document or as a pdf.

Problem: Find the values of  $a$  and  $b$  such that the following system has solution  $(1, -2, 3)$ .

$$\left[ \begin{array}{ccc|c} 1 & a & b & 1 \\ 2b & 2a & 5 & 13 \\ 2a & 7 & 3b & -8 \end{array} \right]$$