QUIZ 6 - MATH 102

Friday, October 23

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YOUR NAME:_____

Read each problem **very carefully** before starting to solve it. Each problem is worth 5 points. It is necessary to show **all** your work. Correct answers without explanations are worth 0 points. GOOD LUCK!!

1. Use the ac-test to factor (show **all steps**):

   (a) $3x^2 + 26x - 9 =$

   (b) $3x^2 - 25x + 8 =$

2. Factor **completely**:

   (a) $x^4 - 16 =$

   (b) $x^4 - 2x^2 - 6y + 3yx^2 =$