

Math 32 A: HW9 Due Friday, December 3, 2008

- **Homework Details**

1. Only use the front side of the paper.
2. Write your name, ID number and section number on the back of the last page.
3. Homework will be graded on a 10 point scale. Three problems (chosen by the instructor) will be graded for 2 points each, and 4 points will be given for completeness of your work.
4. HW due at the end of class. No credit for late HW, no exceptions.

Assigned Problems

- **Section 15.8**

Problems 3-12,27-31

- **Extra Credit:** Two nonoverlapping rectangles are placed in the triangle whose vertices are $(0,0)$, $(1,0)$ and $(0,1)$. If the sides of the rectangles are parallel to the coordinate axes, how large can their total area be?