Math 21-112 Fall 2010
Homework Assignment # 8

PRINT the following information below.

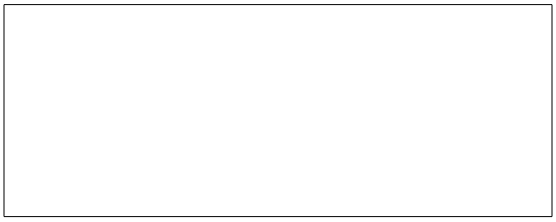
Last Name:_____ First Name: _____

Section Number :_____

Read the following instructions carefully:

- Print out this file and complete the problems. You must do **ALL** the problems!
- Use a blue or black pen or a pencil.
- Write your solutions in the space provided and put the final answer in the box.
- You may use extra sheets for any additional explanation.
- You must show work in order to receive credit for a problem.
- Remember that your homework must be complete, neatly written, and stapled.
- Submit the completed homework to your Teaching Assistant at the beginning of the recitation on the given due date.
- Any deviation from the above instructions will result in a zero credit for the homework.

1. Section 6.1 Problem 1



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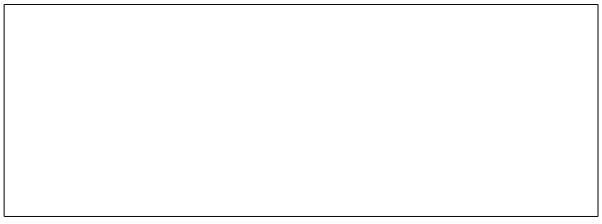
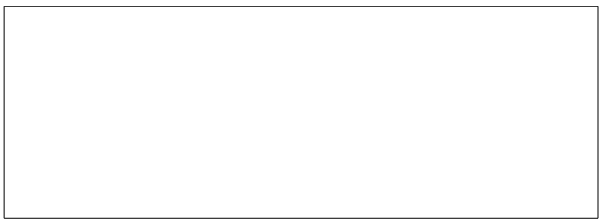
2. Section 6.1 Problem 4



3. Section 6.1 Problem 8



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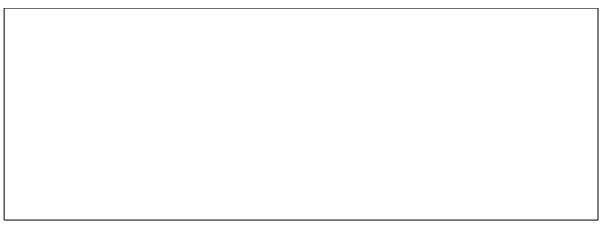
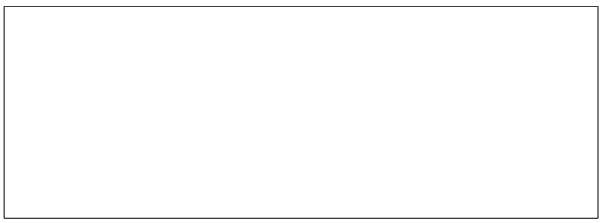
4. Section 6.1 Problem 10



5. Section 6.1 Problem 14



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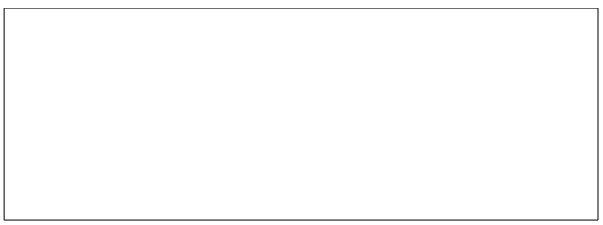
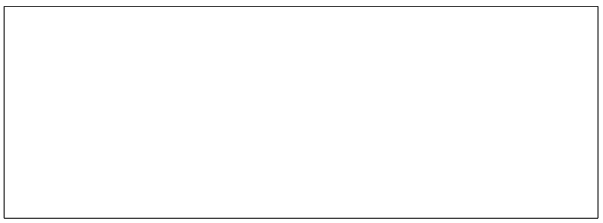
6. Section 6.1 Problem 17



7. Section 6.1 Problem 20



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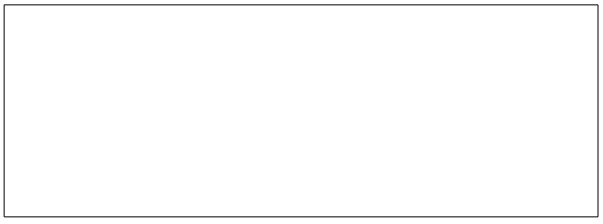
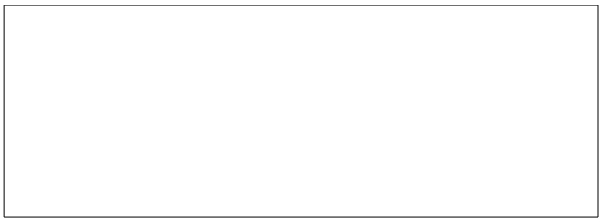
8. Section 6.1 Problem 21



9. Find the integral of $f(x) = \ln x$.

10. Find the integral of $f(x) = \tan x$.

11. Find the integral of $f(x) = \operatorname{cosec} x$.



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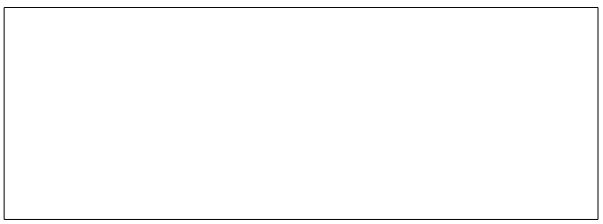
12. Section 6.2 Problem 6



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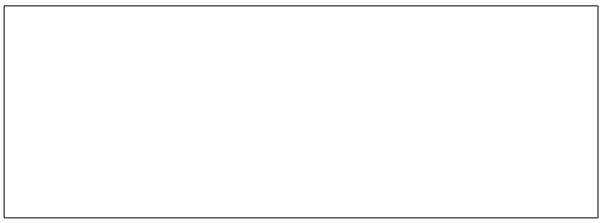

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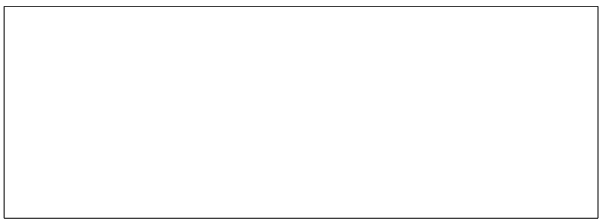
14. Section 6.2 Problem 12



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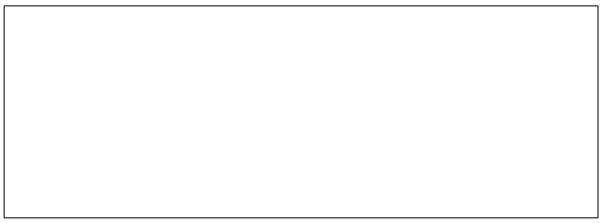

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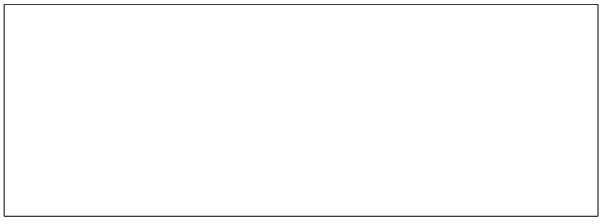
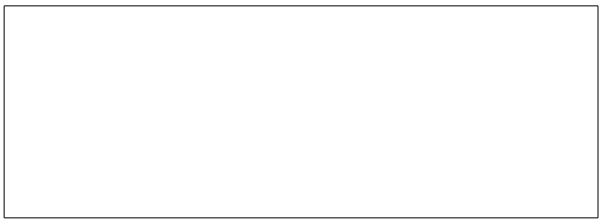


17. Section 6.2 Problem 34



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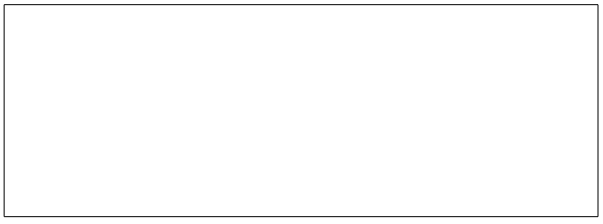
18. Section 6.2 Problem 35(b)



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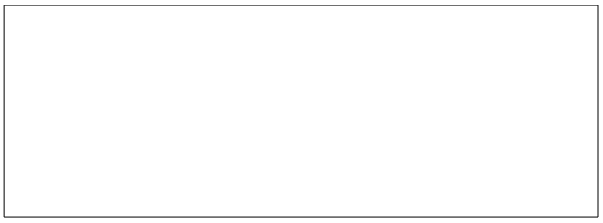

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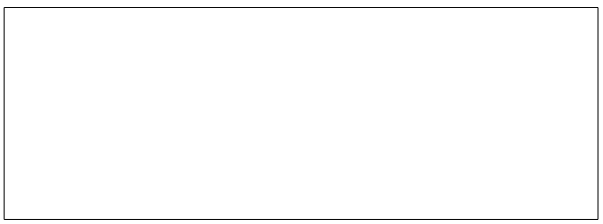
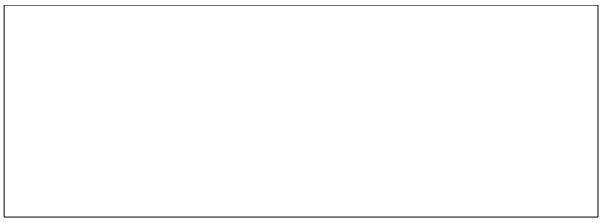


21. Section 6.2 Problem 43



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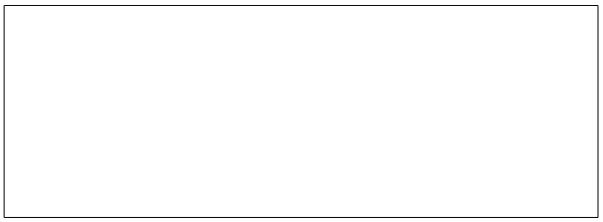

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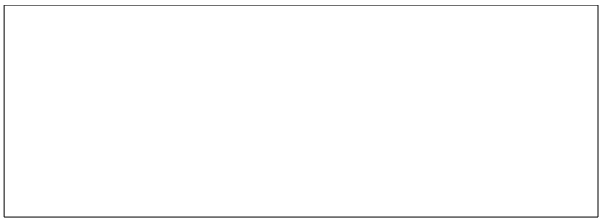

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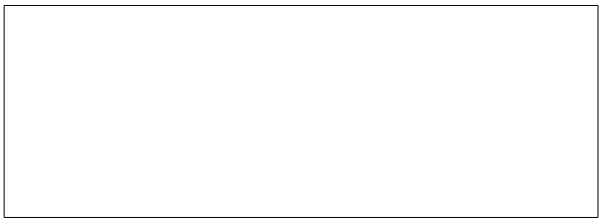

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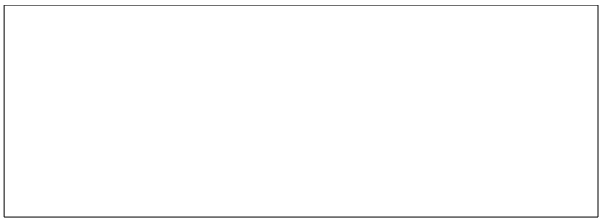

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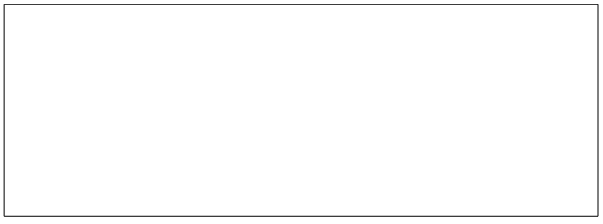
25. Section 6.2 Problem 60