

# Math 21-123 Spring 2011

## Homework Assignment # 3

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.

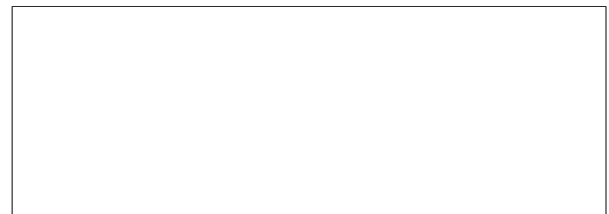
Section 8.2 Problem(not from the book)

A well drilling company charges \$16 for drilling the first foot of the well. It charges \$16.10 for drilling the second and \$16.20 for the third. Find the cost for drilling the 100-foot well.

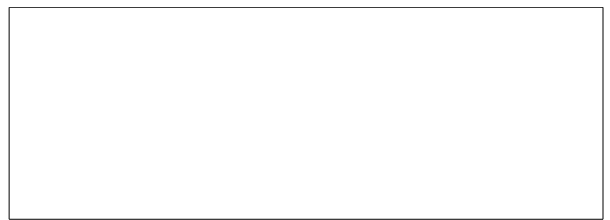
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2. Section 8.3 Problem 8



3. Section 8.3 Problem 10

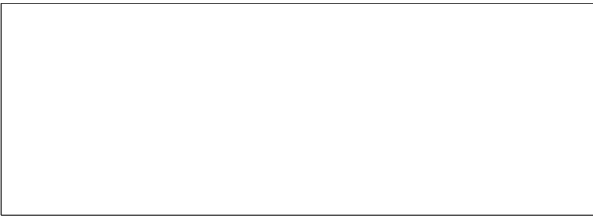


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4. Section 8.3 Problem 14

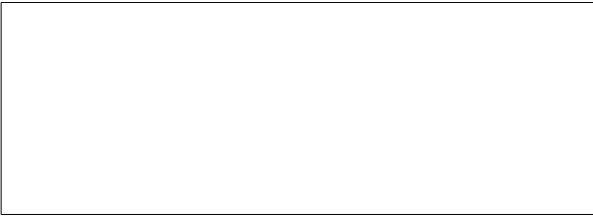


5. Section 8.3 Problem 18

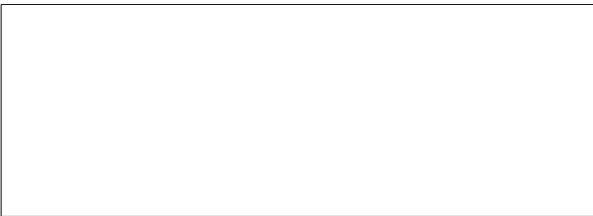


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6. Section 8.3 Problem 32

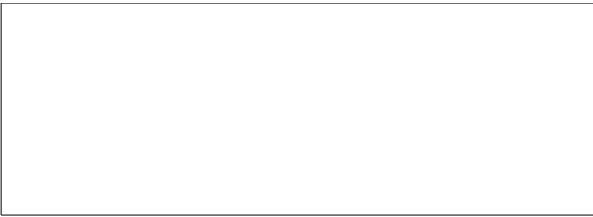


7. Section 8.3 Problem 40

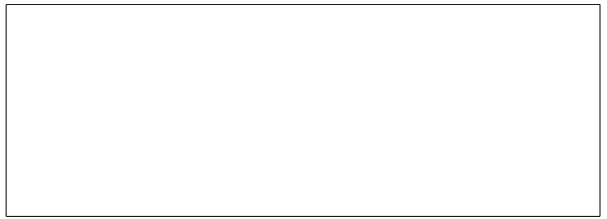


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8. Section 8.4 Problem 6

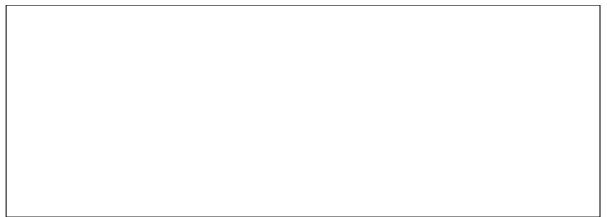


9. Section 8.4 Problem 10

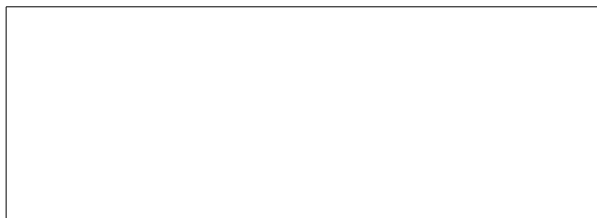


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10. Section 8.4 Problem 16

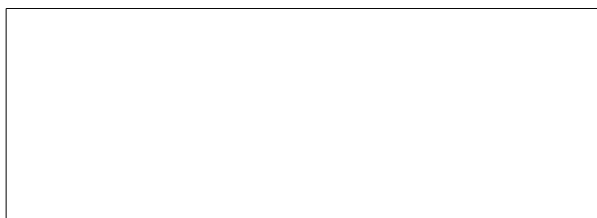


11. Section 8.4 Problem 22

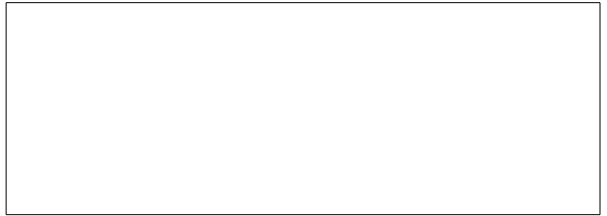


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12. Section 8.4 Problem 32

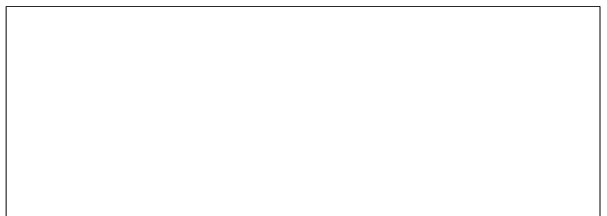


13. Section 8.4 Problem 34



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14. Section 8.4 Problem 38



15. Section 8.4 Problem 40





