CHAPTER 9.3- MODULE PREPARATION FORM- Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Every line provided for writing must be filled in order to get the extra credit offered. Use extra paper if you need to continue your written work. This assignment is due back at the beginning of the next class.

# CHAPTER EXPLANATION/SUMMARY

Describe in your own words the objectives of chapter 9.3.

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# VOCABULARY/ CONCEPT BUILDING

Define a square root. What is the product property of square roots? How do we use it to simplify radicals with large radicands? What is the quotient property? Explain how to rationalize a denominator. What property do we use when rationalizing a denominator?

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# CONCEPTS OR EXAMPLES THAT STILL NEED CLARIFICATION

In this section note any examples or written explanations in the section that you found confusing or that you could not follow the author’s explanation. Specify example number and page or write out the problem in the space below.

Complete the following problems; show your work and steps where appropriate. List any rules or properties you use to complete the problem.

1. 7. 13.

19. 25. 31.

35. 41. 45.

47. 53. 63.

69. 77. 83.

87.