CHAPTER 10.1- 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. I will check it and return it during the next class.

# CHAPTER EXPLANATION/SUMMARY

Describe in your own words the objectives of chapter 10.1.

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# VOCABULARY/ CONCEPT BUILDING

Define in your own words some of the key words or phrases listed below that will help you remember how to solve the chapter exercise problems:

“properties of integer exponents”; “simplifying expressions involving exponents (how do you do it?)”

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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 from the homework section of chapter 10.1. Please show your work and steps where appropriate. List any rules or properties you use to complete the problem. Start on this page and add extra worksheets if necessary. You may check your answers in the back of the book, however, to get credit for the worksheet you must show your work and rules used. For example $5^{-3}$= $\frac{1}{5^{3}}$ comes from the exponent rules $x^{-a}$ = $\frac{1}{x^{a}}$

1. 3. 7. 9.

 13. 17. 23. 43.

51. 59. 67.

 77. 81.

 87. 89. 93. 95.

 101. 103.

111. student A student B