**In Class worksheet for chapter 10.1**

Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_ name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (print your names)

Complete the problems listed below. You may organize your work any way you wish, columns, lines, boxes, etc. Please show your work were appropriate or write down the rule you used to simplify or solve the problem. For example if you are given the problem $X^{-7}= \frac{1}{X^{7}}$ where the right side of the equals sign is your answer, you would write: the rule we applied was $X^{-n}= \frac{1}{X^{n}}$ . Write the original problem on this sheet.

 Please share the work load as evidenced by different handwriting throughout the worksheet. Pass the paper back and forth as you work each new problem. Use extra paper if you need more room. You may consult with other pairs if you need extra help. Be prepared to put your answer on the board and explain your reasoning.

 Hand in your worksheet when you finish and I will check it, or at the end of class. Each worksheet counts 1% toward tour final grade.

Chapter 10.1 problems: 5, 11, 15, 19, 21, 29, 37, 39, 47, 49, 57, 73, 79, 85, 91, 105, 109, 112, 118, 119,

Group exploration 1 and 2 time permitting