**Homework:**  **Page 516: 19-29, 49 and Page 526: 9-16, 19, 35, 36**

**2 of these problems will be selected as a HOMEWORK QUIZ**

**chapter 7 test:**

**period 4&6: Tuesday March 4th (there will be a substitute this day)**

**period 5: Wednesday, March 5th**

**Study guide:**

**7.1: Exponential Growth and Decay**

**Label the function growth or decay**

**Bacteria growth problem**

**Depreciation problem**

**Compound Interest**

**7.2: Inverses**

**Graph a linear function and it’s inverse**

**Graph an exponential function and it’s inverse**

**Find the Domain and Range**

**7.3: Logarithmic Functions**

**Change from log form to exponent form and back**

**Solve logs without a calculator**

**Write out how you would read a log problem**

**7.4: Properties of Logs**

**Condense and Expand logs**

**Use change of base formula**

**Earthquake Problem**

**7.5: Exponential and Logarithmic Equations**

**Solve exponential equations by making the bases match**

**Use properties to solve log equations.**

**How to study:**

* **Go back and correct any previous homework problems.**
* **Test yourself by doing page 554: 4-39, Page 558: 1-21, page 559: 1, 4,5**
* **Do the extra credit**
* **watch videos and take interactive quizzes on my.hrw.com**

**Extra Credit Assignment (4 points): due before you take the test**

**Page 520: 1-5 Must show work and have correct answers!**

**WARNING!!!!!**

**Copied work will result in a 0 for all students involved and a Violation of Ethics will be filed. This means the vice principal and your parents will be notified and it will go on your school record.**