Directions: Throughout the course of the semester, you will be provided with mathematical activities that could be utilized in your future teaching at the elementary level. For the first activity, complete the items listed below. Turn in the portfolio with this page attached. Below you will find a rubric describing how your portfolio will be evaluated. The portfolio is due February 3rd, 2010. You will want to get a 3 ring binder to keep this material in during the semester.

For this Elementary Activity, complete the following:

1. Consider your mathematical content and pedagogical knowledge. Describe what mathematical content and pedagogical knowledge means to you. Then detail both your strengths and weaknesses in each area.

2. Now think about this MATH 182 course. Describe what you expect to gain from this course, what do you want to gain from this course, and how might this course address either your strengths or weakness in your mathematical content and pedagogical knowledge.

3. Also, describe how you will address your weaknesses and strengths during the course of the semester.

4. Look up the Colorado Model Content Standards for Mathematics and the National Council of Teachers of Mathematics’ Standards for School Mathematics. We will be referring during the course of the semester.