

**MATH 311/510 HOMEWORK-3 DUE AT THE BEGINNING OF CLASS ON
TUESDAY, SEPTEMBER 23.**

- (1) During your observations make note of whether the lesson, or any parts of it, could be called *constructivist*. Write a typed, 250-300 word description of what you observe. Explain how the lesson does or does not fit within the context of a constructivist philosophy of learning.
- (2) Read the article: Confrey, Jere (1990). What Constructivism Implies for Teaching, *Journal for Research in Education, Monograph*. vol 4, Constructivist Views on the Teaching and Learning of Mathematics. pp 107-122 + 195-210. Bring to class at least two discussion questions on this article.
- (3) Read pages 286 through 318 of the NCTM Principles and Standards.