

MATH 311 HOMEWORK–DUE TUESDAY, NOVEMBER 4

- (1) Carefully read the two articles below. Write 3-4 questions for discussion with the class.
 - (a) Cass, M. & Cates, D. & Smith, M. & Jackson, C. (2003). Effects of Manipulative Instruction on Solving Area and Perimeter Problems by Students with Learning Disabilities. *Learning Disabilities Research & Practice* 18(2), 112-120.
 - (b) Moyer, P. (2001). Are We Having Fun Yet? How Teachers Use Manipulatives to Teach Mathematics. *Educational Studies in Mathematics* 47(2), 175 – 197.
- (2) Write a couple of paragraphs indicating what you thought went well in your presentation and what you believe can be improved.
- (3) Look for examples of writing in the math classes you observe. If you normally talk with the classroom teacher, ask whether the implementation of the Common Core Standards have led to any writing in the math classroom. Also pay attention to the questioning strategy in class. Does the teacher solicit explanations from students? The the teacher solicit explanations for both correct and incorrect responses? Does the teacher pose questions requiring students to come up with a new idea? Write a couple of pages discussing your observations.