MATH 311 HOMEWORK 10–DUE TUESDAY, NOVEMBER 25

(1) Recall or re-read the assigned sections from the NCTM Principles and Standards.

    (a) Think about how the ideas in this document are related to the Common Core Mathematics Standards.

    (b) Think about how the ideas in this document are or or not realized by the New York State Curriculum Modules.

    (c) Bring four questions for discussion with the class. Within the questions, try to make explicit connections to other readings and topics discussed over the course of the semester.

(2) Plan to discuss how you will develop, from elementary mathematics, the equality $\frac{a}{b} \div \frac{c}{d} = \frac{a}{b} \times \frac{d}{c}$, (under appropriate assumptions on the values of a, b, c, and d).

(3) Write a paragraph briefly explaining your plan for the final lesson presentation.