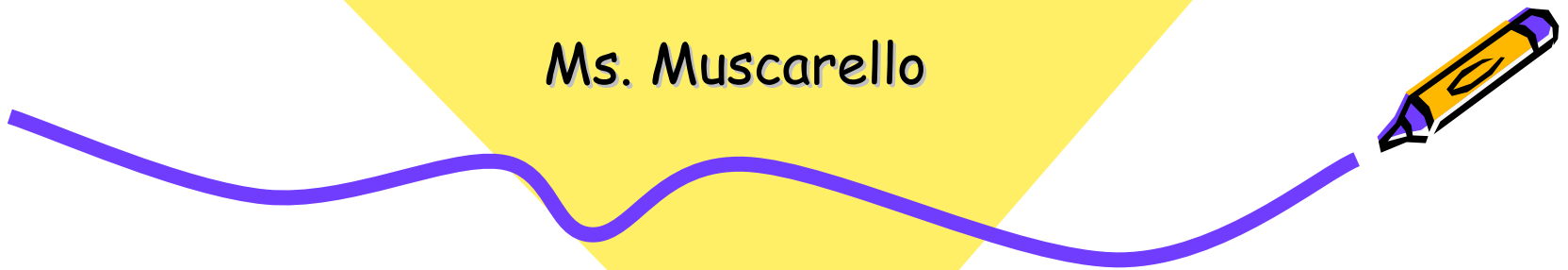


Welcome to Sartartia Algebra

Mr. Simmons
Ms. Muscarello

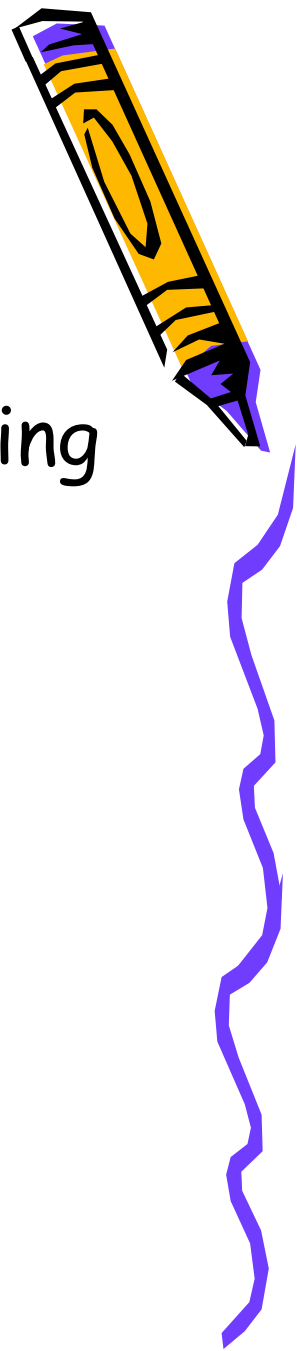


Spring 2008

Sartartia Algebra

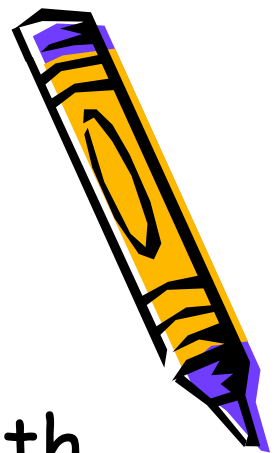
Goals of the Course

- * Algebraic thinking & symbolic reasoning
- * Function concepts
- * Relationships between equations & functions
- * Tools for algebraic thinking
- * Underlying mathematical processes



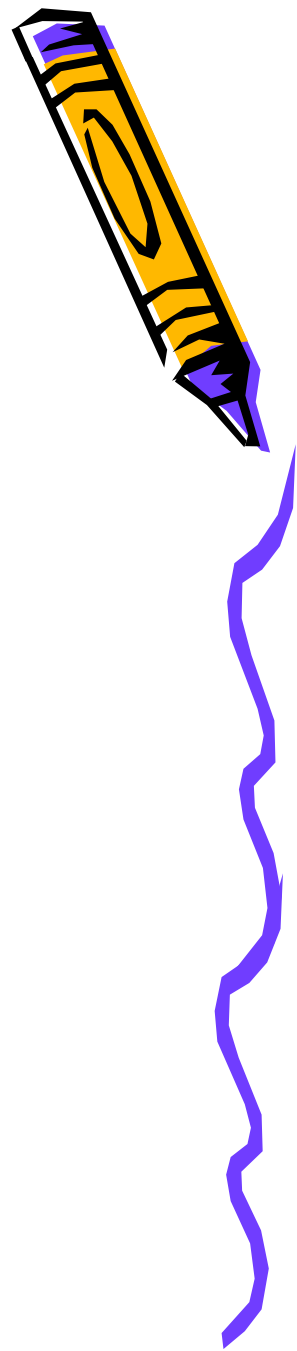
Algebra "Need-To-Knows"

- * The foundation for all upper level math
- * A high school course
- * On your student's permanent transcript
- * Course content is 90% new material



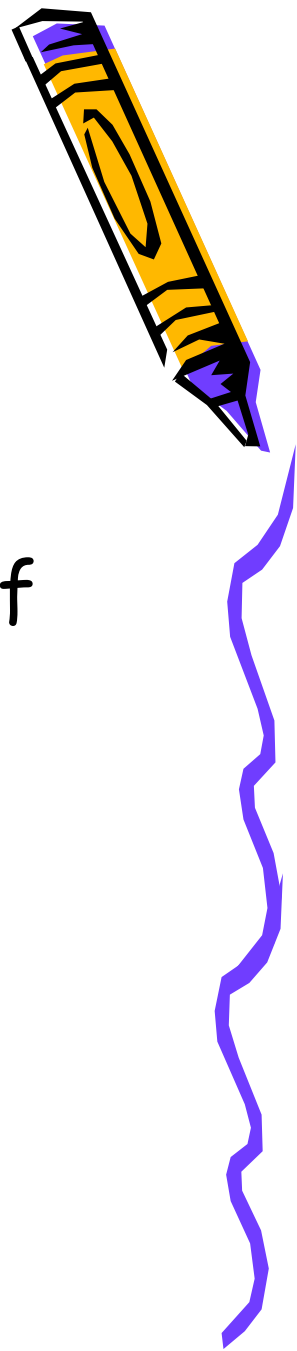
How Will My Student Do?

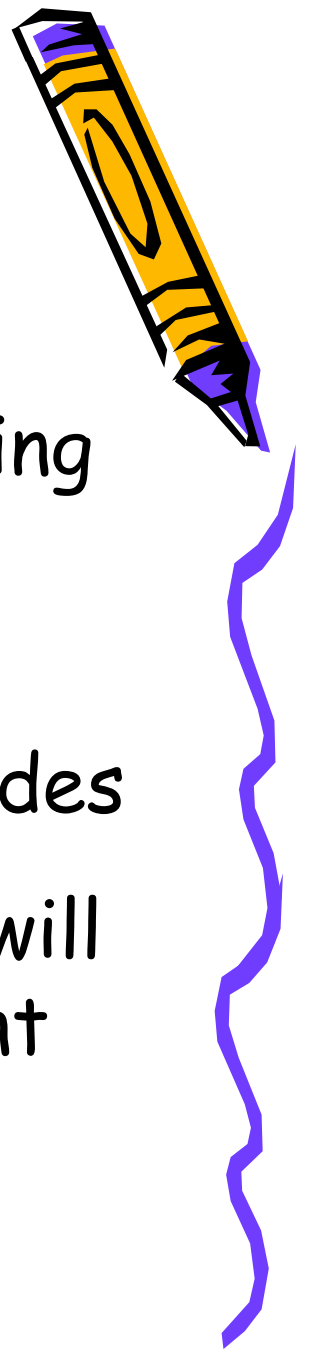
- * All students are capable of success
- * The major hurdles will be...
 - > Abstract thought development
 - > Student effort and work ethic
 - > Fast pace



Success Takes Everyone

- * You need to be involved
- * This is not where you begin hands-off parenting





Staying The Course

- * We will monitor students closely during the first 6 weeks
- * We will contact parents of students who are struggling after 2 major grades
- * At the end of the First Quarter we will make decisions to benefit the student



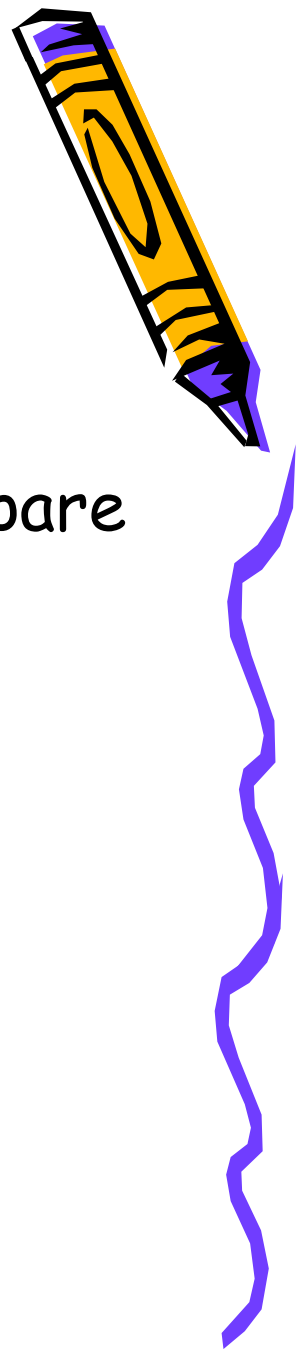
Cognitive Dissonance

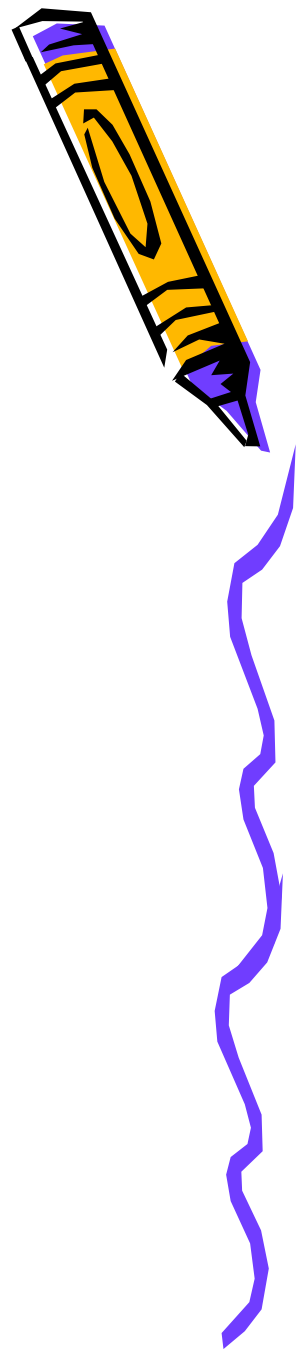
- * The uncomfortable tension your child experiences during intense learning
- * It is a driving force that compels the mind to acquire new ideas



Lesson Cycle

- * Student responsible for independently reading and taking notes from text to prepare for the classroom lesson
- * Classroom lesson and notes
- * Post-lesson practice
- * Solutions check and discussion
- * Re-teach if necessary





Warm-ups

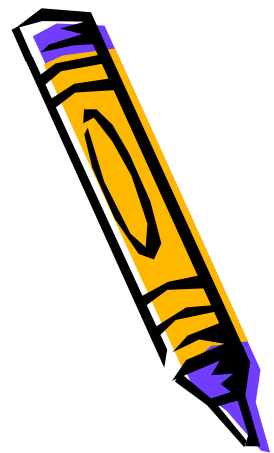
- * Applying the algebra
- * Problem-solving skills
- * Critical, higher-level, thinking



Tutorials

- * Available at selected times during the week
- * Student-initiated questions guide the discussion

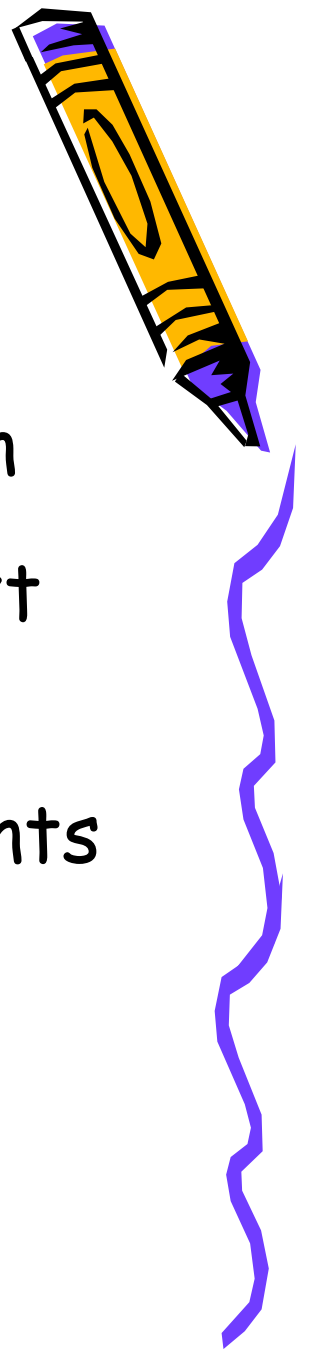




Study Needs

- * Spirals
- * 3-ring notebook with dividers
- * TI-83/84 graphing calculator
- * Quiet study desk with all the necessary tools & supplies





Student Expectations

- * Daily preparation for class discussion
- * Complete, up-to-date notes from text and classroom
- * Stay current with practice assignments
- * Learn for the long term



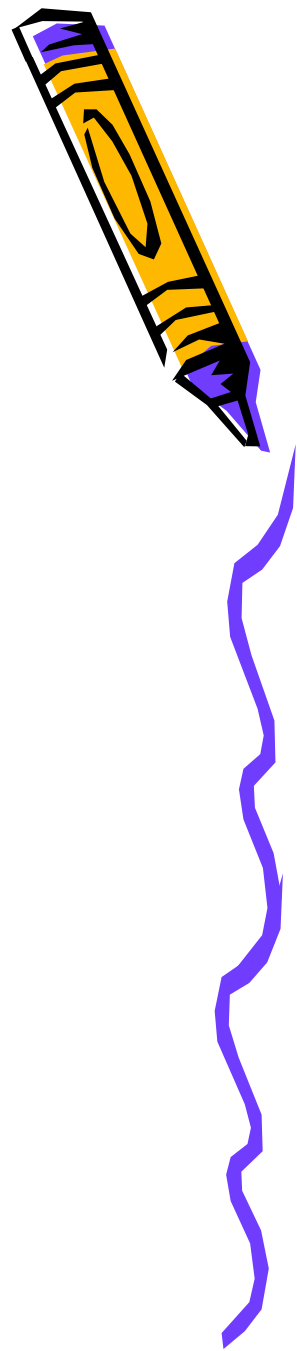
Parent Expectations

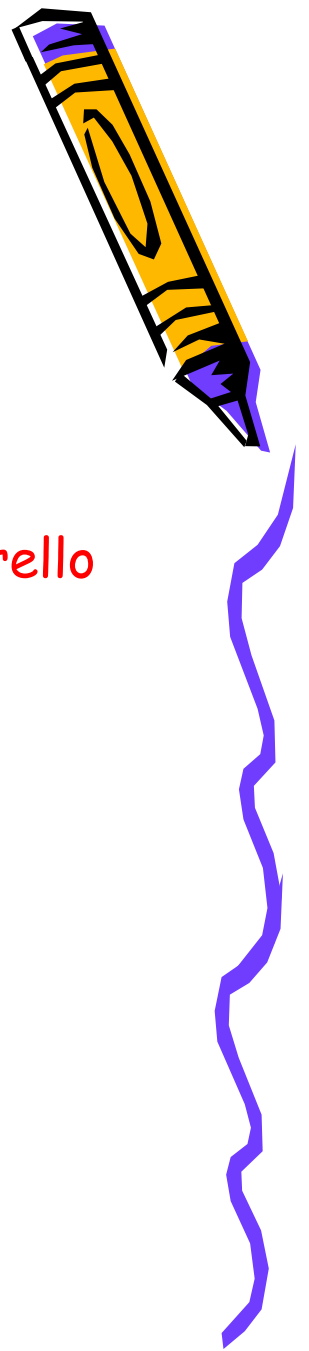
- * Daily involvement and discussion with your student
- * Periodic checks of your student's work



Teacher Expectations

- * Ready to teach when the bell rings
- * A positive attitude and an open mind
- * A rigorous curriculum
- * Demand of excellence
- * Approachable & available at all times





Web Site

- * www.mrsimmons.net
- * www.teacherweb.com/tx/sartartiamiddleschool/muscarello
- * Assignments
- * Student discussions
- * Lesson demonstrations & slideshows
- * Printable materials





Summer Tutorials

- * Website-based tutorials
- * Fundamentals to prepare students for the coming year
- * Self-grading quizzes to check understanding
- * Test over Summer Tutorials within first 10 days of class (1st major grade)



Your Questions

- * Open Q & A
- * If you have additional questions, please just use the link on the website to send an e-mail.





Thank You!

Don Simmons
Amber Muscarello



Spring 2008

Sartartia Algebra