

Text

Brown, Richard G., et al., Algebra: Structure and Method Book 1, Boston MA: Houghton Mifflin, 1994

Expectations/Guidelines

- 1.) Pay close attention in class. Ask questions if you do not understand something. Actively participate in class and group activities.
- 2.) Homework is assigned nightly. **Completion of homework is itself a minimum. Students will need to spend additional time studying and practicing problems as needed.**
- 3.) Establish a habit of reading and studying the section before attempting to complete homework problems.
- 4.) Show all work on assignments. All homework problems are to be attempted on paper. This is the only way I know that the students have tried the problems. Written work helps me see the students' thought processes.
- 5.) After checking work in class or after receiving back graded papers, students should correct their work. Time for questions about work is always available.
- 6.) Tutoring is available before and after school. If a student is struggling, he or she is encouraged to seek help before too much time is lost.

Materials

The following items are to be brought to class everyday. 1.) Expandable folder with pocket devoted to math for keeping all homework, handouts, quizzes, and tests in order. Make use of these for review. 2.) Loose leaf paper or notebook 3.) Sharpened pencils 4.) Correcting pens/pencils 5.) Calculator 6.) Covered text 7.) Assignment book

Class Format

- 1.) We usually begin class with students' questions about homework from the previous night.
- 2.) Homework is checked or handed in and teacher checked. Students may be asked to put homework problems on the board. Students have time to make corrections while we go over any additional homework questions.
- 3.) New math material is introduced. Examples are done. 4.) Homework for the night is assigned and students record the homework in their assignment books. If there is time, students begin their assignment.

Grading Policy

- 1.) Students begin the quarter with a homework grade of 90 out of 100 points. To earn additional points for homework, students have the option of completing a weekly extra credit assignment. One point can be earned each week of the 10 week quarter bringing the homework grade up to 100 out of 100 points.
- 2.) If homework is not completed on a given day, a student loses 3 points from the homework grade. If the assignment is turned in the following day, only one point is lost.
- 3.) Homework assignments are checked in class, collected by me and returned.
- 4.) Quizzes are usually announced. However, quizzes covering review of basics will be given at any time unannounced. 5.) Tests are always announced. 6.) The student's grade is calculated by dividing the total points earned by the

total possible points.

Content

Until the November 22nd private high school test date, along with covering the the new curriculum, we review basic skills daily. It slows us down a bit in covering new material, but it is essential to do. Students from past years have told me it helps tremendously to practice problems and to practice the test format, so we spend a good amount of time doing just that.

Real Numbers – Operations,
Properties Solving Equations and
Problems Polynomials Factoring
Polynomials Fractions/Applying
Fractions Functions Systems of Linear
Equations Inequalities Rational and
Irrational Numbers Quadratic Functions