



Algebra 1

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Prerequisites:

- Prealgebra
- Students scoring a B or better in prerequisites taken at WHCT are not required to take a placement test.
- All other students must pass a placement test prior to registration.



Course Description:

Algebra 1 includes the study of algebraic expressions, properties, equations and inequalities, integers and rational numbers, proportional reasoning, graphing functions, slope, systems of equations and inequalities, polynomials, factoring, rational expressions, and radicals. A variety of geometry topics are also introduced.



Commitment:

- This course meets twice a week.
- At the beginning of each quarter, students will receive the assignments and due dates. Assignments will be a mix of MathXL, textbook exercises, and tests.
- Students are expected to show neatly written work.
- Students are expected to check answers to odd-numbered textbook exercises in the back of the textbook.
- Students will have homework checked for completion each class meeting. A few times per quarter, even-numbered textbook exercises will be taken for a grade. Classwork may be taken for a grade. Math XL assignments will be taken for a grade at the end of each unit.
- Unit tests will be administered at home. Tests at the end of quarters 1 & 3, Midterm Exams, and Final Exams are administered in class.



A typical class will look like...

Each class begins with a 3-5 minute Warm-up exercise followed by an opportunity to ask questions. New material is then presented for the day, which is typically followed by an activity tailored to practice that day's new concept(s). Finally, a 5-minute Exit Ticket practice is completed.



Books and Supplies*

Prentice Hall Algebra 1,

2011 Edition
ISBN - 0133500403



Binder with tabs labeled Notes, Homework, Study Materials, Assessments.

ACT-approved graphing calculator (TI-84+ preferred)
No phone calculators allowed

- Loose-leaf paper
- Loose-leaf graphing paper

*MathXL for Schools access code (provided via lab fee)