



Class Name: Saxon Algebra $\frac{1}{2}$ (Pre-Algebra)
Block 3 (11:00-11:55)
Fall & Spring 2024-25

Tutor: Jenny Dixon

Grade Level: 7th-10th

Course Description: Saxon Algebra $\frac{1}{2}$ textbook is a full pre-algebra course and an introduction to geometry and discrete mathematics. Topics covered include prime and composite numbers; fractions & decimals; order of operations, coordinates, exponents, square roots, ratios, algebraic phrases, probability, the Pythagorean Theorem and more.

What to Expect: Students can expect about 1 hour of homework daily. **Students should have their work graded and correct their errors daily before moving onto the next lesson. The best learning takes place when we correct our errors. This is a crucial step to gaining a full understanding of the material.** In addition to class instructional time, I provide videos with extra practice problems for the student to view on an unlisted YouTube channel. If your child is still struggling with a problem after viewing the provided video for that lesson, please feel free to email or text me.

Prerequisites: Successful completion of the previous Saxon Math Class or Placement in Saxon Algebra $\frac{1}{2}$ via the placement test in the link below or a similar Saxon placement test. Text or email me pictures of your child's placement test grade and work for approval.
https://www.sonlight.com/uploads/saxon_middle_placement.pdf

Textbooks Required:

Saxon Algebra 1/2 Third Edition ISBN 1565771494

Saxon Algebra 1/2, Third Edition, Solution Manual ISBN 1565771311

It is not recommended that the students have access to this book, however, it can be a great tool for the parents when grading and helping with homework.

Supplies Required: Textbook and Solution Manual listed above, as well as an inch/centimeter ruler, protractor, compass, scissors, notebook paper, graph paper, and scientific calculator. I recommend Texas-Instruments TI-30XIIS at this level or a graphing calculator that can be used in later algebra classes. If you purchase a graphing calculator, make sure it is approved for the ACT and SAT. Buying used books and calculators is a great way to save money. Check Facebook marketplace or other buy/sell sites to find used books.

Materials fee: \$25.00 per semester (this includes access to the videos for each lesson)

Maximum # of students: 15

Minimum # of students: 5