



Class Name: Saxon Algebra $\frac{1}{2}$ (Pre-Algebra)
Block 3 (11-11:55)
Fall & Spring 2023-24

Tutor: Jenny Dixon
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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 45 minutes to 1 hour of homework daily. **Students should grade their work and correct their errors daily. The best learning takes place when we correct our errors. This is a crucial step to gaining a full understanding of the material.** The answers to the odd problems are located in the back of the book. The few even problems that are assigned will need to be graded by a parent. In addition to class instructional time, I provide videos with extra practice problems for the student to view online at SchoolTube. **Access to the internet and a SchoolTube account will be required.** Please feel free to email or text me any additional questions during the week.

Pre-requisites: 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

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. Also, used graphing calculators are readily available on Facebook Marketplace.

Textbook:

- *Saxon Algebra 1/2 Third Edition* ISBN 1565771494
- *Saxon Algebra 1/2, Third Edition, Solution Manual (optional)* ISBN 1565771311 (It is not recommended that the students have access to the Solution Manual, however, it can be a great tool for the parents when helping with homework.)

- **Monthly class cost:** \$10.00 per week
- **Materials Fee:** \$25.00 (per semester)

Minimum # of students: 5.

Maximum # of students: 18

