



**Class Name: Saxon Algebra  $\frac{1}{2}$  (Pre-Algebra)**  
Block 3 (11-11:55)  
Fall & Spring 2021-22

**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 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](https://www.sonlight.com/uploads/saxon_middle_placement.pdf)

**Supplies Required:** Textbook and Solution Manual listed below, as well as an inch/centimeter ruler, protractor, compass, scissor, 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:** \$8.00 per week
- **Materials Fee:** \$30.00 (one-time fee due the first day of class)

**Minimum # of students:** 5.

**Maximum # of students:** 18

