



Class Name: Saxon Algebra 1
Block 4 (12:30-1:25)
Fall & Spring 2020-21

Tutor: Jenny Dixon
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Grade Level: 8th, 9th or 10th grade

Pre-requisites: none

Please give the upper level placement test to find out if your student is ready for Saxon Algebra 1:
<https://www.sonlight.com/homeschool/curriculum/placement-tests/saxon-placement-tests/>

Course Description: Students will develop the understanding they need to resolve more complex problems and functions with this step-by-step course. Covers topics including signed numbers, exponents, and roots; absolute value; equations and inequalities; scientific notations; unit conversions; polynomials; graphs; factoring; quadratic equations; direct and inverse variations; exponential growth; statistics; and probability.

Students can expect about 30-45 minutes of homework daily. The answers to the odd problems are located in the back of the book. Students should grade their work and make corrections daily. This prevents students from practicing incorrect steps throughout the week. This also allows our class time to be spent on instruction of new material. In addition, there will be instructional videos posted on SchoolTube that students will be required to watch outside of class time. The solution manual is also an invaluable tool that will allow parents to help their children. However, please feel free to email or text me any questions during the week.

Curriculum/Textbook:

Saxon Algebra 1, Third Edition - ISBN:10 - 1565771346 ISBN:13 - 9781565771345

Saxon Algebra 1, Third Edition, Solution Manual - ISBN:10 - 1565771370

ISBN:13 - 9781565771376 *(It is not recommended that the students have access to this book however, it can be a great tool for the parents when helping with homework.)*

Supplies Required: Textbook and Solution Manual listed above, as well as an inch/centimeter ruler, protractor, compass, scissor, notebook paper, graph paper, and scientific calculator or graphing calculator.

I recommend Texas-Instruments TI-30XIIS for an affordable scientific calculator. There are a few graphing lessons at the end of the book that require a graphing calculator. If you purchase a graphing calculator check to make sure it is approved for the ACT and SAT. Also, used graphing calculators are readily available on Facebook Marketplace.

- **Monthly class cost:** \$8.00 per week
- **Materials Fee:** \$30.00 (one-time fee due the first day of class)

Minimum # of students: 3

Maximum # of students: 12

