

# **Algebra I**

2010-2011, Webworks

36 weeks

8th - 9th grade

1 High School Math Credit

## **Course Tutor:**

Cheryl Claussen

claussen.tutor@gmail.com

269-671-4213

## **Course Description:**

Basic algebra skills leading into linear equations, relations, functions, graphing, systems of equations, radicals, factoring polynomials, rational equations, probability and statistics, quadratic functions, inequalities, and word problems.

## **Course Notes:**

Work from the text is to be checked by the parent using the Teacher's Manual.

Corrections need to be done each week and parents will need to keep a record of assignments completed. Some assignments will need to be scanned and e-mailed to the tutor so she can see that that work is being done correctly. All tests, quizzes, and exams will need to be signed by a parent, scanned, and e-mailed to the tutor for scoring. The tutor will assign percentage scores that are averaged at the end of each semester. Parents can then give a letter grade according to their grading scale. Class is recorded so student can watch it again to help understand the material.

## **Course Prerequisites:**

Skills test for Algebra I (available from tutor: Please e-mail tutor for this. It must be completed before acceptance into the class.)

## **Course Fees:** None

## **Required Texts:**

*BJU Press; Algebra I Student Text*, 2nd ed. ISBN 978-1-59166-643-1, item # 235846; \$42.50

*BJU Press; Algebra I Teacher's Manual*; 2nd ed. ISBN 978-1-57924-326-5; item # 123133, \$55.00

## **Required Supplies:**

- 3-ring binder with loose leaf paper and tab dividers
- Pencils, eraser, ruler, graph paper, and a red pen
- A scientific calculator is required. Suggested: TI-30XS MultiView Scientific. A graphing calculator is not required.
- Pen Pad for writing on the whiteboard (can be purchased from any computer store)

## **Tutor Bio:**

My husband and I live in Hickory Corners with our three children and 2 cats. We love the Lord and do our best to serve Him wherever and whenever we can. I hold a Bachelor of Science Degree with majors in both Mathematics and Computer Science from Alma College and a Master of Science Degree in Computer Science from Western Michigan University. I have taught Computer Science and Mathematics at professional, collegiate, and high school levels in both private and public settings. Before our homeschooling journey began, I was a software engineer and database administrator for Eaton Corporation. I also travelled throughout west Michigan as a database consultant. Now, the majority of my time is spent schooling my children and developing our small homestead. When I have free time, I love long walks with friends.