



## WEST HARPETH CHRISTIAN TUTORIAL

# Geometry

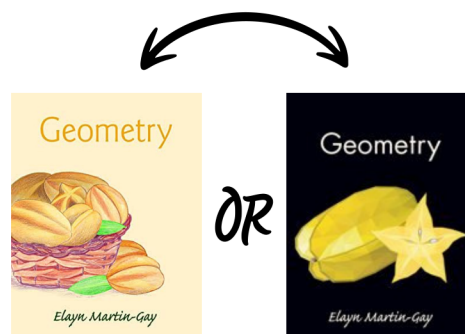
### Tutor:

Faith Aikens

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### Prerequisites:

- Algebra I
- This course requires a placement test. Students previously earning a B or higher in the prerequisite WHCT math class are exempt from the placement test.



### Course Description

This course provides a solid foundation in Euclidean geometry. The material covers proofs and algebraic relationships between lines, angles, polygons, circles, and three-dimensional solids as well as trigonometry and logic.

Algebra 1 review is incorporated throughout the course.

### Books & Supplies

- **Martin-Gay Geometry**, 2015
  - ISBN - 978-0134173658
  - or
  - ISBN - 978-0134093901
- Mrs. Aikens has a limited number of copies available to rent.
- compass
- protractor
- scientific calculator
- notebook with pockets
- MathXLforSchools access code (provided via lab fee)

### Commitment

- This course meets twice a week.
- Assignments require 3-4 hours per week and will be completed on [mathxlforschool.com](http://mathxlforschool.com) in addition to handwritten problems from the text.
- There will be in-class vocabulary quizzes for each chapter.
- Tests are take-home except for an in-class midterm and final exam.

### A typical class will look like...

Class will always begin by reviewing the homework assignment due that day. New material will be covered in each class as well as Algebra review concepts that pertain to the current lesson. Whenever possible, hands-on activities will be included to reinforce concepts.