

Geometry - Spring 2007
410-674-7710 (ext. 231)

Textbook: Holt Geometry (\$52.95)

Course Goals/Expectations: The student will demonstrate the ability to solve mathematical and real-world problems using measurement and geometric models and the student will justify solutions and explain processes used.

Course Objectives: Students will be able to:

- Apply problem-solving strategies to investigate and understand mathematical content.
- Communicate mathematical ideas and content to prove direct and indirect proofs.
- Demonstrate the ability to make connections among various mathematical topics to other disciplines and the real world.

Course Content:

Area	2-3 weeks
Ratios and Proportionality	3-4 weeks
Trigonometry	2-3 weeks
Quarterly Assessment	2 days
Three-Dimensional Figures	3-4 weeks
Circles	3-4 weeks
Extensions	1 week

Materials:

Textbook	Protractor	Compass	Loose-leaf paper
Pencils	Small ruler	Folders	Quadrille-ruled graph paper
Graphing Calculator (TI-83 or TI-84)	3-ring binder - <u>no spiral notebooks!</u>		

Calculators: Keep in mind that a calculator only computes. It DOES NOT solve the problem for you. Therefore, make sure your answer makes sense before you copy it from the calculator. You are not allowed to share calculators! Please bring your own!! (*= recommended)

Classroom Procedures: Follow all classroom procedures, as well as the Meade Senior High School Rules. Please note the following:

ALL CD PLAYERS, MP3 PLAYERS, ELECTRONIC GAMES, CELL PHONES, PAGERS, AND HATS MUST BE KEPT IN YOUR LOCKER OR IN YOUR BOOK BAG THROUGHOUT THE SCHOOL DAY. IF ANY OF THESE ITEMS ARE VISIBLE, THEY WILL BE CONFISCATED AND TURNED INTO THE OFFICE!

NO FOOD OR DRINK (except bottled water) OF ANY KIND IS ALLOWED IN THE CLASSROOM!

Evaluation Procedures:

Assessments are 40% of the quarterly grade. (Projects will be counted as an assessment grade.)
Classwork/Drills/Participation are 40% of the quarterly grade.
Homework is 20% of the quarterly grade.

Letter grades are assigned according to the county policy:

A: 90-100% B: 80-89% C: 70-79% D: 60-69% E: below 60%

Homework:

- Assigned usually every class
- Graded normally on completeness, not on correctness
- To receive full credit, you must attempt to work each problem. I will not accept any assignment that just has answers. **THIS IS FOR YOUR BENEFIT! If you don't show me how you got an answer, you won't get any credit.** This goes the same for assessments. All explanations must be written in complete sentences.
- **No late work will be accepted.** All homework (unless noted) is due the next class, unless specified otherwise.
- If you are having difficulty getting your homework assignments completed, please see me and we will work something out.

All students must adhere to the Meade High School Academic Honesty Policy.

Make-up Work: If you should miss class for an EXCUSED absence:

- YOU are responsible for getting all notes from a classmate. Past assignments will be written on the poster on the side wall, where HW dittos will also be made available. When you return from an excused absence, check the wall before class and hand in to Mr. W any missing assignments.
- For short-term absences (up to 1 week), you have 2 CLASSES from the day you return to hand in missed HW assignments. NO EXCEPTIONS! For longer absences, we will work out a due date to hand in the missing assignments.

Clockbusters: Every quarter, you will be given 2 "Clockbusters." In case, by some inexplicable occurrence, you can't hand in an assignment on time, you can use these and bring in an assignment in the next class for full credit. If you do not use these clockbusters, you can redeem them at the end of each quarter for extra points added onto an assessment grade.

Extra Help: There are numerous ways to get extra help for this class:

- I am normally available after school. Be considerate and let me know you are coming.
- The Glencoe website has extra problems and can review lessons with you: <http://go.hrw.com/gopages/ma-ge.html>
- There is also a website with online tutoring: <http://www.tutor.com/maryland/>
- There is a Math Clinic Wednesdays & Thursdays in D410 (2:05-3:30 PM) where you can go for extra review.
- There are extra worksheets and workbooks that you and your parents can use for review. Please let me know if you are interested in obtaining them.

Get help early on any topic that you do not understand.

REMEMBER: SUCCESS IS YOUR CHOICE!!