

Welcome to Trigonometry!

Trigonometry is

1. the study of the triangle.
2. a continuation of Geometry.
3. a powerful tool in construction
4. a crucial tool for the Egyptian building their pyramids
5. what makes GPS units work
6. how satellites communicate
7. what keeps airplanes from running into one another
8. straightforward
9. powerful

Paperwork

- **Binder Rubric** - How your binder needs to be organized.
- **Classroom Brochure** - A copy of these slides
- **Homework Log** - Keep track of how you are doing on daily work.

Rules to Succeed in Math

1. Be present every day in class, both physically and mentally.
2. Work with a math buddy.
3. Read ahead in the book, and try problems independently.
4. Practice problems every single night.
5. Ask questions when you are confused.
6. Drop by after school for extra help when you are struggling.

Grades

- 50% : Classwork
 - Daily work and homework
 - Quizzes
 - Classroom Binder packet
- 50% : Tests
 - Unit tests
 - Binder check
 - Nine week's test

All tests are cumulative.

Your binder check will count as one test grade.

Materials Needed

1. Binder with 4 divider tabs
2. Pencil and red pen or pencil
3. Ruler (recommended)
4. Brochure, Homework log, and Binder rubric.
5. Calculator (required for homework)

Rotating Homework Assignment - Class Binder

Objective As a class, to create a binder that includes all the reference materials for the course

Method Each day one student will be responsible for updating the binder.

- Notes**
- Notes can consist of printed out and marked up (and if need be corrected) slides, or handwritten notes.
 - Notes must be complete. Discuss with teacher after school to clear up any confusion.
 - Notes include daily handouts.

Hand-In The following day hand in a packet containing everything that should be added to the binder. The packet will be graded for correctness.

Schedule Each student will be required to take notes at least three times. If there is no notetaker on a given day, a student will be assigned by the teacher.

Daily Procedures (Arrival)

1. Be in your assigned seat when the tardy bell rings.
2. The answers to the previous day's work will be on the projector; grade your answers.
 - 2.1 Show your work for each problem: **no work means that question scored 0.**
 - 2.2 Write a check next to every correct answer
 - 2.3 Circle every wrong answer
3. At the top of your page, make sure that your name is written on the left, and on the right you should have three numbers:
 - 3.1 The number of problems there were
 - 3.2 The number of problems you answered
 - 3.3 The number of problems you got correct
 Record these numbers in your homework log.
4. After roll is taken, pass your work forward to the front rows.
5. Failure to have pen and paper ready for the day's work is an automatic 15 minute detention.

Daily Procedures (After Class)

1. Check your day's notes.
 - 1.1 Do any examples need further explanations?
 - 1.2 Did you learn a new formula or definition that belongs in the quick reference section?
 - 1.3 Did you get back a quiz or test that you need to correct?
2. Finish the day's work, if you did not manage to do so in class.
3. Read the next section in the book. (Reread the current section, if we didn't finish it.)

Daily Procedures (During Class)

- Take notes.
- Do not get out of your seat without permission.
- Raise your hand when you have a question.
Wait to be acknowledged before you speak.
- Ask questions if you do not understand what is on the board.
- Do not blurt out answers; raise your hand and wait to be called on.
- There will be no bathroom breaks.

Discipline: Good and Bad

- **Positive**
 - Class wide block of stars: fill the whole block to earn reward.
Each student receives:
 - One Late Homework Pass
 - One Excused Homework Pass
 - Individual praise, recognition
- **Negative**
 - First time: name on board, warning
 - Second time: 15 min detention, class does not earn star that day.
 - Third time: 30 min detention
 - Fourth time: office referral, loss of calculator privileges

Daily Procedures (Departure)

1. When Ms Cenek tells you to do so, get ready to leave.
 - 1.1 If work is due, hand it forward to the front of your row.
 - 1.2 Put away your binder and book.
 - 1.3 Clean your desk, and make sure that any classroom books are back on the shelf.
 - 1.4 Return your class calculator, or any other materials you used.
 - 1.5 Sit down with your bag on your desk.
2. Wait until you are dismissed by Ms Cenek.
3. Leave the classroom quietly, and in an orderly fashion.

Rules and Drills

- **Rules**
 - **No cellphones.**
 - No resets on tardies, etc; the record resets June 1st.
 - Detentions are served after school, in the ISI room.
- **Fire Drill**
 - Form a line at the door, wait for instructions.
 - Walk outside in an orderly fashion.
 - Stay together in a group.
- **Tornado Drill**
 - Move to the back of the class, away from the windows.
 - Sit on the floor against the wall.
 - Wait for the all clear.
- **Lockdown Drill**
 - Do NOT use your cellphone. (The one you don't have, in any case.)
 - Sit against the wall, away from the door.
 - Ms Cenek will lock the door.