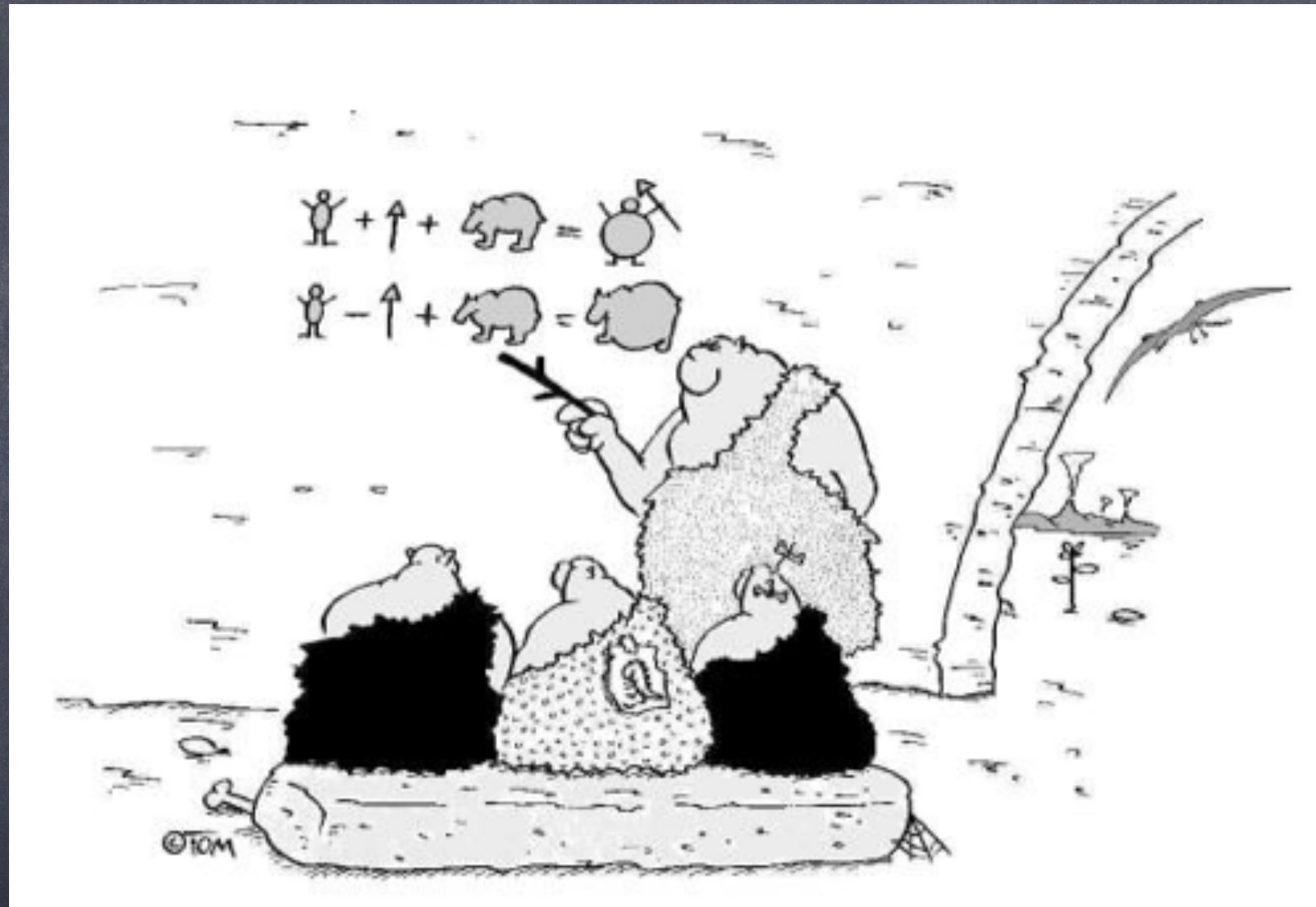


# Welcome to Math Class



Please take a BINGO sheet  
then any seat.



Mr. Kevin Korpi  
[www.korpiworld.com](http://www.korpiworld.com)  
[kkorpi@nbisd.com](mailto:kkorpi@nbisd.com)





# About Me

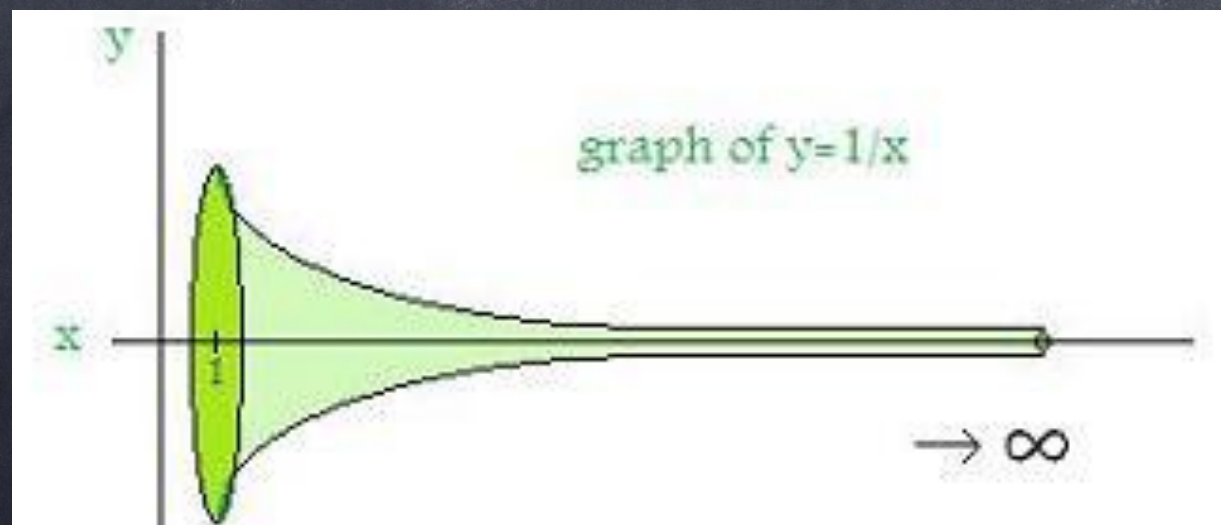


- NBHS class of '92
- BS Math, UT Austin
- 17th year of teaching
- 4 time AP Calculus grader
- 3 years as home builder
- 2 kids
- 1 wife
- 0 dance skills



# Interesting Info

- Room 903
- Monday Mail
- [kkorpi@nbisd.org](mailto:kkorpi@nbisd.org)
- 830.627.6093
- [www.korpiworld.com](http://www.korpiworld.com)
- 7:00A.M. Tutorials
- 7th period conference
- Cinco de Mayo
- Ouagadougou
- $\csc(11 \pi/6) = -2$





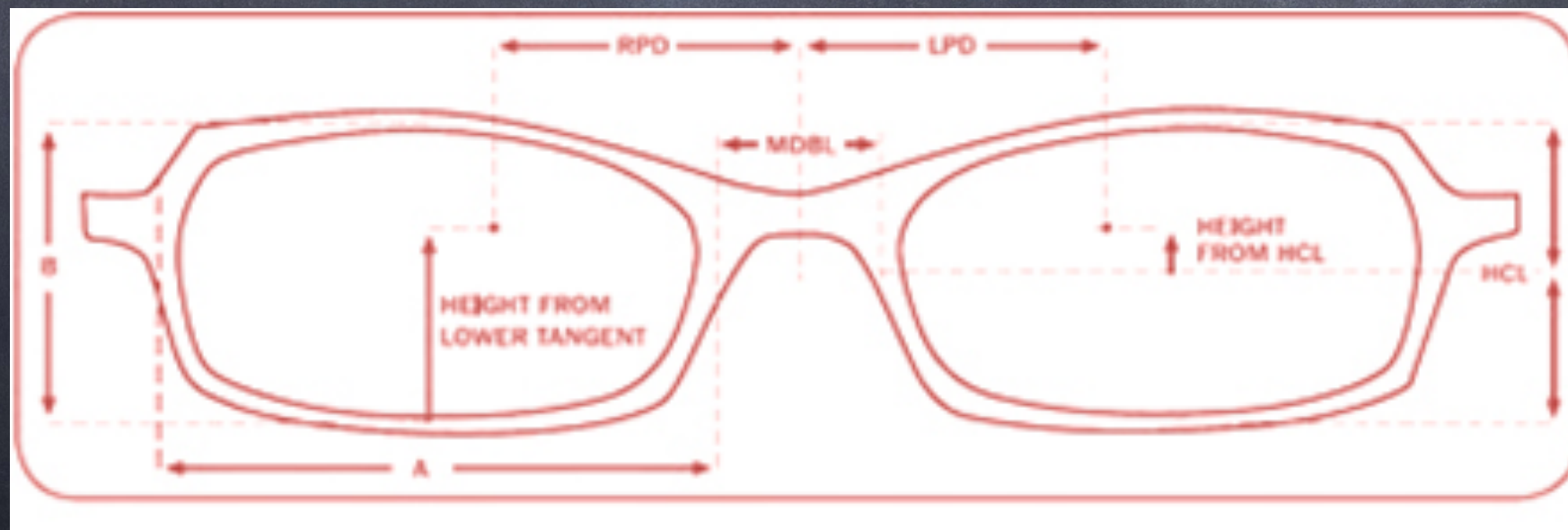
# Pre-AP PreCalculus

## Semester 1 - Advanced Algebra

- Manipulation of Expressions
- Polynomial Functions
- Rational & Radical Functions
- Exponential & Log Functions

## Semester 2 - Trigonometry

- Unit Circle
- Sinusoidal Functions
- Trigonometric Identities
- Trigonometric Proofs
- Polar Coordinates & Functions

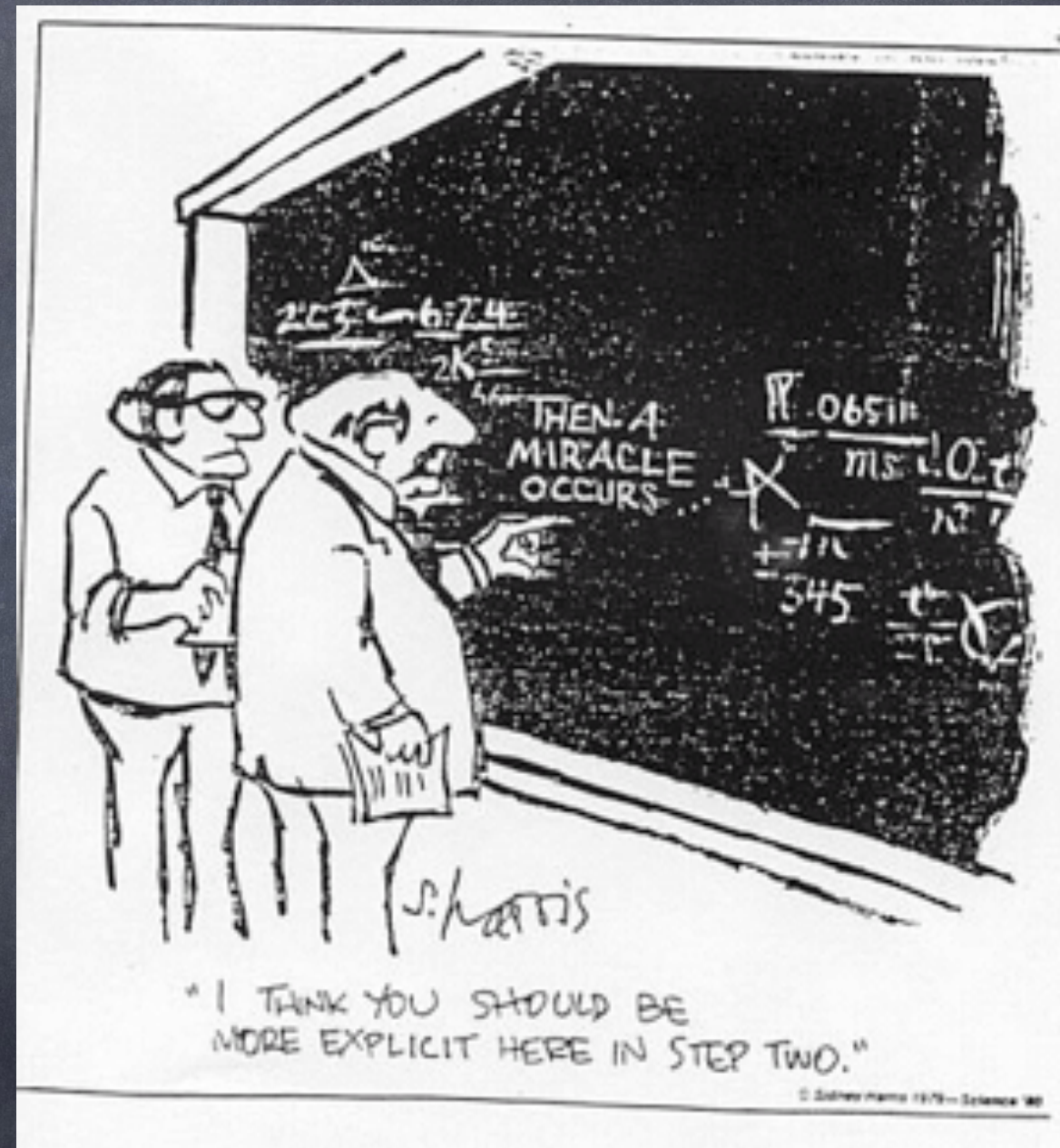


Another type of Precal is a lens calculation process which pre-determines the thickness of a glazed lens.



# Philosophy of Pre-AP/AP

- College-level expectations/pace with the support structure of HS
- Process as important as Product.
- Communication of results
- Notation, Notation, Notation!
- We don't stop with an answer. We reflect.
- Interaction with the content.
- Connection with Ideas.
- Joyful Rigor.





# Grading Categories

## MAJOR GRADES - 60%

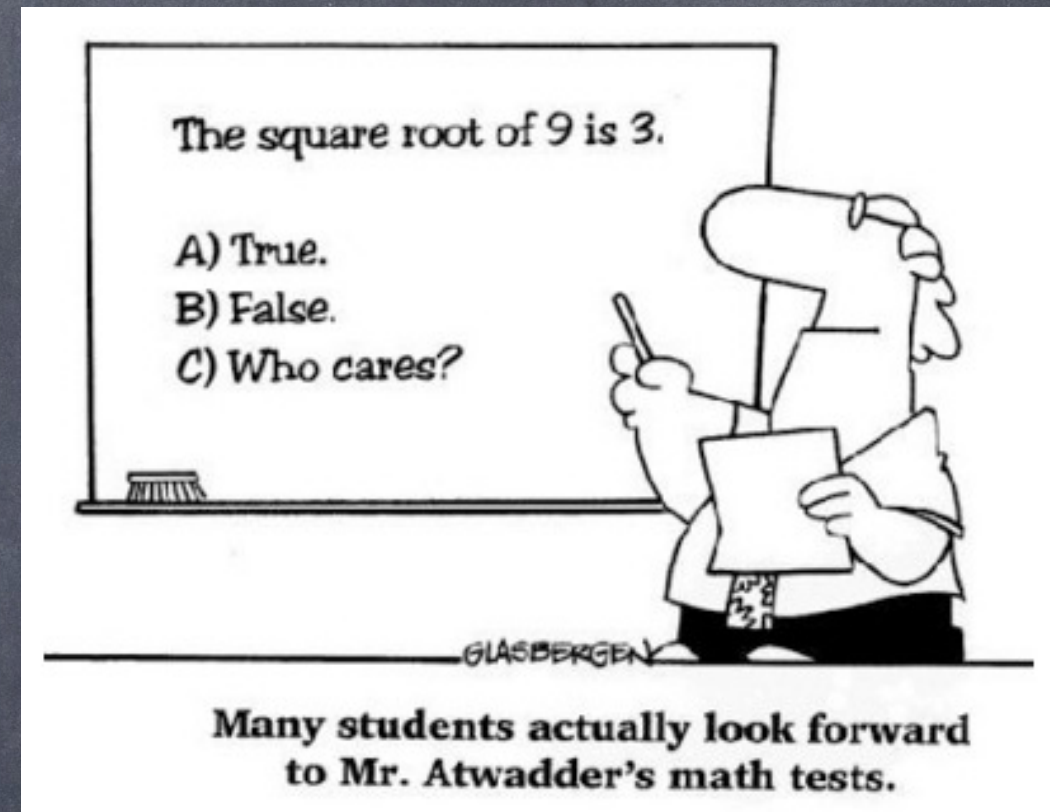
- 2 tests per grading period (paper)
- Multiple Choice & Free Response
- Test corrections earn retest (max 70)
- Absent policy

## QUIZZES- 30%

- ~2 quizzes per week. Timed.
- Students grade their own- instant feedback.
- 1 dropped per 6 weeks

## Worksheets- 10%

- WS due the day after completed section.
- WS graded on completion only (submitted on iPad).







Free Space





# KORPISWORLD.COM

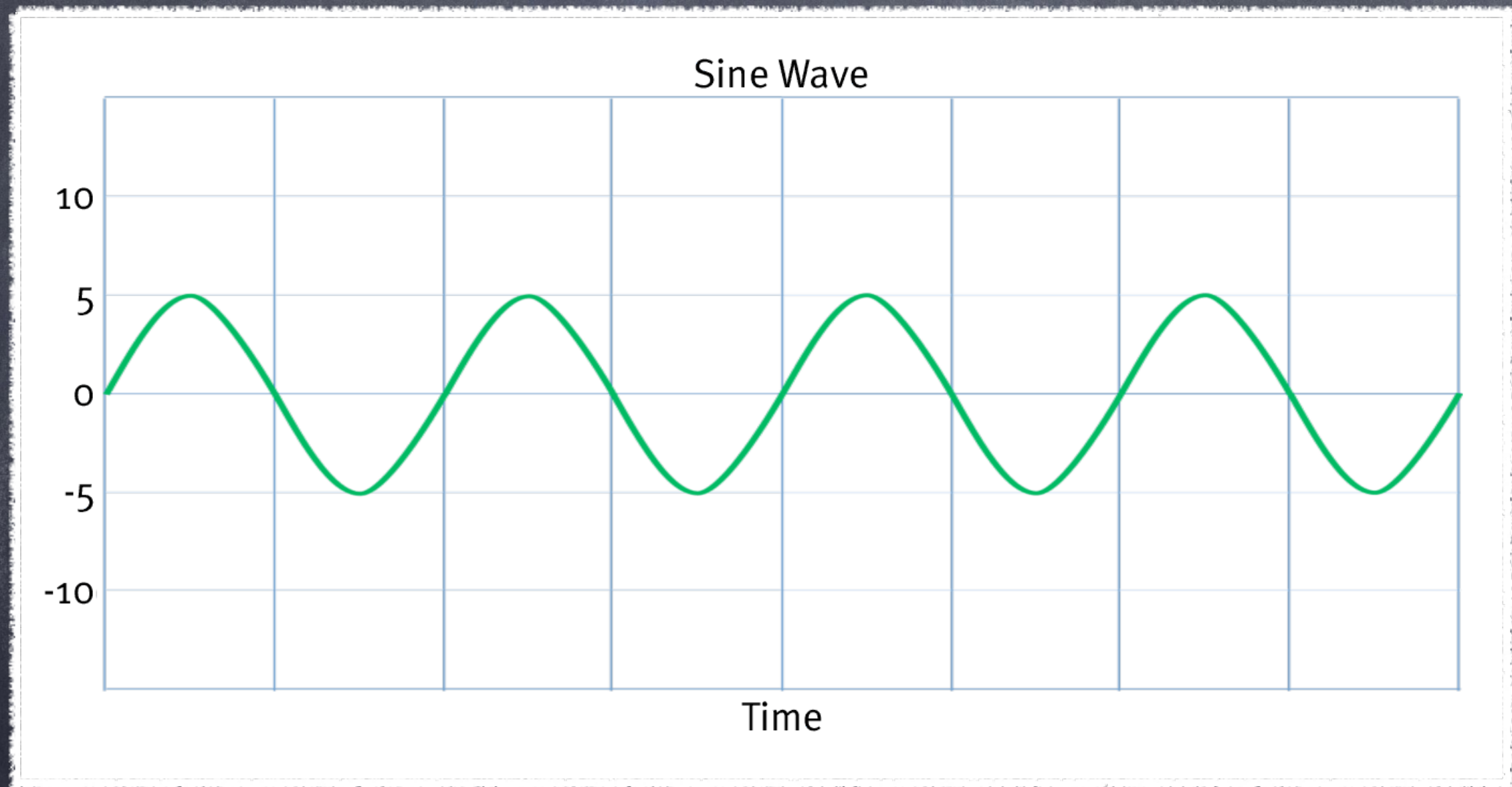
- Notes
- Worksheets with annotated KEYS
- Helpful Links
- Video Lessons
- Monday Mail
- Much much more



Abducted by an alien circus company, Professor Doyle is forced to write calculus equations in center ring.

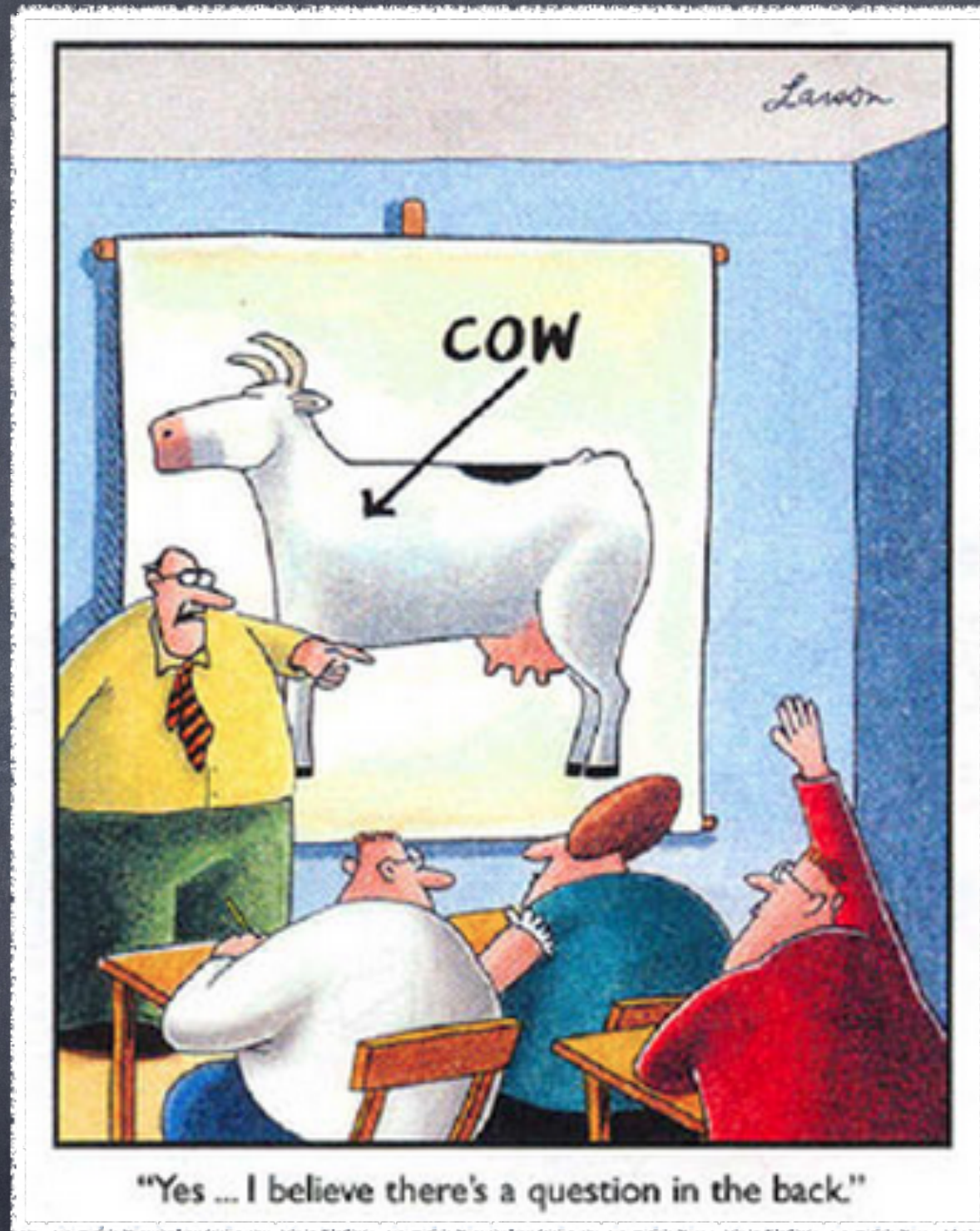


Thanks for coming.



Have a great evening.





Questions?







$$\text{CLAUSTROPHOBIA} = \frac{\text{YOU}}{\text{SPACE}}$$



$$\text{NEPOTISM} = \frac{\text{WHO'S YOUR DADDY?}}{\text{ABILITY}}$$



**DOGGIE DAY CARE = KENNEL – GUILT**



**EASTER  
BUNNY = SANTA  
CLAUS — BREAKING &  
ENTERING**



**INVISIBLE  
FRIEND = FRIEND — PHYSICS**



$$\text{BUREAUCRACY} = \frac{\text{PAPERWORK}}{\text{WORK}} + \text{POLITICS}^2$$



**ONIONS = WEEPING – CATHARSIS**