Bell Ringer:

Put the following in reduced radical form:

1) $\sqrt{4}$

2) $\sqrt{8}$

3) $\sqrt{180}$

Welcome to **Geometry** Class

Your new teacher:

Dr. Moad

Room 221

Agenda

Introductions
Expectations
Rules and Procedures
Syllabus
Algebra Review Activity

About Me

B.S. from Indiana University
PhD from Purdue University *(hence Dr.)*
Worked at NIST, Red Spot and USI
Built my own house
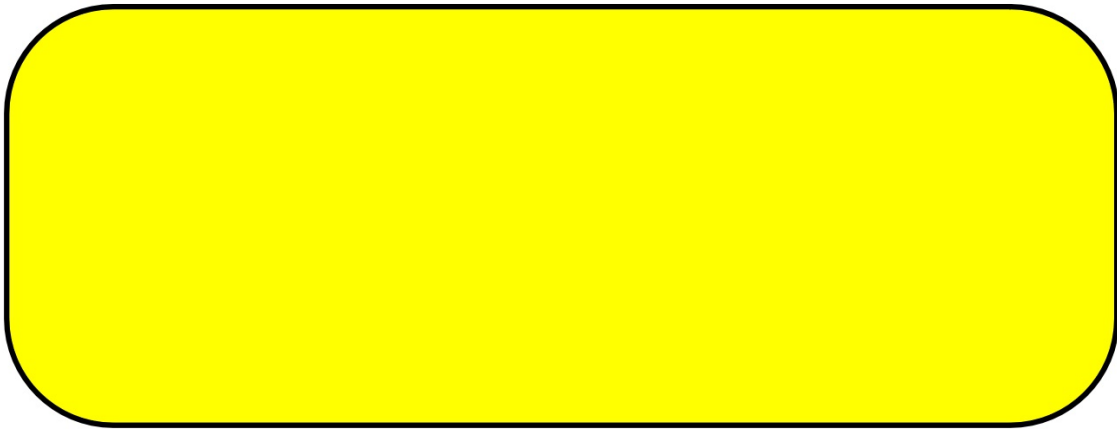**Started two businesses**

I love solving problems of all kinds and entrepreneurship!

about you...

Expectations for You:

- **Treat this like a job**
  - **Be on time and prepared!**
  - **Be professional**
- **Be open-minded**
- **People are precious: Treat them so!**
- **Practice good habits**
- **Be forgiving: everyone makes mistakes; learn from them**
- **Clean up after yourself**

F.A.I.L.

When we start class

Please greet me and say hello. Be in dress code.

If you do not have two feet on the carpet you are tardy.
Sit in assigned seats.

Pick up materials. Start working on bell ringer.

Get homework out to be checked

During class

Put away digital distractions. Do not take photos or videos.

No hall passes during lesson.

Take care of personal needs before or after class.

Stay away from my desk and computer.

At the end of class

Stay in your seat until the bell rings. I release you the bell does not.

Push in your chair

Pick up all trash. You will stay after class if you have made a mess.

Leave nothing behind

Cheating
- Talking during exams is cheating
- Working together on homework is not

Theft
- Respect my stuff
- Calculators belong in the room

Vandalism
- Do not damage calculators
- Practice good stewardship

Lying
- Liars lose respect
- Liars lose freedom
- Liars lose their good name

Syllabus

drmoad.weebly.com

Activity

Four Fours

Can you find every number between 1 and 20 using only four 4's and any operation?

Build a boat

Build a boat that will stay afloat and hold pennies. The goal is to hold as many pennies as possible at the lowest cost. Your boat must have a volume less than 250 cm^3.

Material Costs:

Paper = 10¢ / cm^2 Straws = 25¢ / cm

Al foil = 20¢ / cm^2 Paperclips = 5¢ / each

Plastic = 40¢ / cm^2 Wood Sticks = 99¢ / each

Tape = 30¢ / cm

Exit Ticket:

Please use the exit magnets on
your way out everyday to
indicate how well you got it.

Today:
I can understand class rules and
procedures.
I can simplify square roots.