- False conflation of ideas in various sources that incorrectly discuss the validity Euclid's 5th but list Playfair's instead of Euclid's 5th. It should be:
  - Euclid's 5th is when are we are NOT parallel, when we meet, so is perfectly fine in spherical geometry. It's the underlying assumptions: I-1 and I-4 are false in spherical because the circles don't always intersect in I-1 and we don't have a unique way to have an intrinsically straight path in I-4. I-16 goes wrong in spherical and elliptic geometry.
  - Euclid's 5th is false in hyperbolic geometry so I-29 goes wrong—that is the first place Euclid's 5th is used.
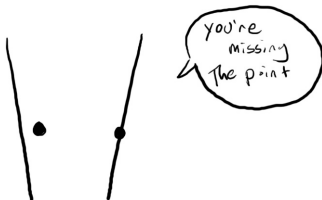

Euclid's Elements 1573 Edition

Prepare to Share
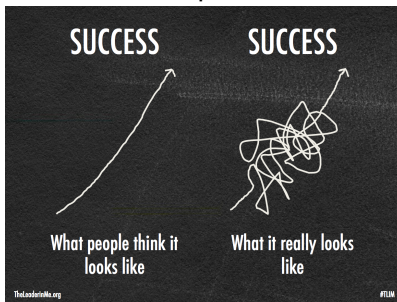
- What was your favorite topic/activity in this class? Discuss and prepare to share it.
- Also share something you might do over the summer!

Grading and Where to Get Help

- I have scheduled grading of your final assessment and any optional "revise and reflect" items during the faculty grading period after finals are over but before grades are due.
- I will post feedback comments about your final assessment on your Google Grades Sheet.
- Official course evaluations remain open!

https://mathequalslove.blogspot.com/p/free-classroom-posters.html
https://www.leaderinme.org/blog/the-power-of-a-growth-mindset/