Presentations04

State and prove an identity about the Fibonacci numbers.	
Explain the Ptolemaic system of the solar system. Explain retrograde motion and how Ptolemy addressed it.	
Use Newton's laws to prove Galileo's claim that objects fall at the same rate from the same height regardless of being of different weights.	
[If you've had differential equations and want a challenge.] Use the laws of Newton to prove one or more of Kepler's laws.	
Calculate the Parallax to the nearest star.	
What is the "problem of points"? Give an example and solve it.	
Explain "Napier's bones," do an example.	
Barrow's method for finding a line tangent to a curve. Check your textbook or look at: https://math.stackexchange.com/questions/2240189/barrows-method-for-slope-of-tangent-line	
Fermat's method for finding a line tangent to a curve. Check your textbook or look at: https://www.youtube.com/watch?v=18smDQ7-tTU	
Describe Fermat's method of infinite descent. Use it to prove a theorem.	