

MA 330 HOMEWORK
DUE MONDAY, JAN 26

Problem 1: Discuss what you found most interesting in Chapter 1 of *Journey Through Genius* and explain why it was interesting to you. Be specific!

NOTE: Your answer should be: typed, 1-2 pages long, double spaced, 12 point Times New Roman font.

Problem 2: On page 19 of *Journey Through Genius*, the proof that the lune under consideration is quadrable ends by reducing the quadrature of the lune to the quadrature of triangle AOC, which is a specific example of the general case of all triangles that had been previously considered. Following steps 1 and 2 on pages 13-14, and using Figure 1.15 on page 19 as a starting point, prove that the isocles triangle AOC is quadrable.

NOTE: Your answer may be handwritten.