ASTR120 Homework #11 – (Hamilton)
due Thursday Dec. 12 (5 Points)

Two problems! That's right two! Count 'em two! So use the extra time this week to catch up on reading if you are behind. Look over your old exams and problem sets! Start studying! Ace the Final! **These problems are from Chapter 28.**

8. Suppose someone brought you a rock that he claimed was a Martian meteorite. What scientific tests would you recommend be done to test this claim?

12. Assume that all the terms in the Drake equation have the values given in the text, except for N and L. (a) If there are 1000 civilizations in the Galaxy today, what must be the average lifetime of a technological civilization? (b) What if there are a million such civilizations?