1. In the “Big Bang” model, does the universe have a beginning? Does it have an end?
2. Draw a graph of Size vs Time to show what we mean by a “Closed Universe”. (see board)
3. What is the difference between the “Open Universe” and “Flat Universe”?
4. How old is the Universe? How old is the Earth?
5. Who are Penzias & Wilson? What did they discover? When?
6. When did the “Big Bang” occur?
7. At 1/10 of a second, the universe was very hot. What four fundamental particles existed at that time? Pick from list (H atoms, He atoms, molcules, electrons, quarks, neutrinos, black holes, photons, positrons, gamma rays, cosmic rays).