Quiz G1, Biochem 1 Name:

Please write your name on the other side of this page.

1) Draw a perfect C-G base pair, including riboses. Include a 3’ phosphate on the pyrimidine and a 5’ phosphate on the purine. Indicate the major groove and the minor grooves. Label the 6 and 7 positions of the purine, the 4 position of the pyrimidine, and the 1’ , 3’ and 5’ positions of the riboses.

2) Draw a G-quartet. Use the letter R to indicate the riboses.