Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period:\_\_\_\_\_\_\_\_\_\_\_\_

DNA Quiz review

1. Draw and label the three components of a nucleotide.
2. What are the four bases found in DNA and what group do each of them belong to? What are their structures like?
3. What forms the sides of the DNA Ladder?
4. What is the name of the DNA structure?
5. How can the difference between DNA and RNA?
6. What are the bases that are always going to pair up with each other?
7. Write out the complementary pair for this original DNA strand:

A T C G C A C G T T C A T T G G T G C A T

1. How many chromosomes do humans have? How many do you get from each of your parents?
2. What Enzyme “unzips” DNA to start the replication process? What enzyme helps Make sure our DNA is correct and bases are paired correctly?