**Biology Honors Review Questions: Study your notes, new terms, worksheets, and review sheet**

What does DNA stand for?

Draw, label the structure of DNA, then describe in detail

What is a nucleotide and what are it’s 3 components?

What the steps of DNA replication using proper terms?

Know how to find the complimentary bases of DNA

What is the difference between a gene, nucleotide, chromosome, and genome?

What are introns or nonsense DNA?

What does RNA stand for?

What is the difference between RNA and DNA (name as many as possible)?

What are the three types of RNA, what do they do?

Know how to find the mRNA strand from a DNA strand

Know how to read a codon chart

What is the difference between a codon and an anticodon?

What are the start and stop codons, why are they important?

Know all the steps of protein synthesis – describe in detail using proper terminology

Discuss the different types of mutations and how they can be helpful, harmful, or neither.