

Name: ___ Period: ____

Ameba Sisters DNA vs RNA – link to [video](#)

1. Is DNA or RNA found in all living organisms?
2. In eukaryotic cells, where is the DNA tend to be found?
3. Where in the cell, is the RNA located?
4. What kind of a molecule is DNA & RNA?
5. What is a “monomer”?
6. What is the monomer in nucleic acids?
7. What are the 3 parts to a nucleotide?
8. How many stranded is DNA?
9. How many strands does RNA have?
10. What is the sugar in DNA?
11. What is the sugar in RNA?
12. To remember how the bases pair, “Apple in the
13. To remember how the bases pair, “Car in the
14. What are the 3 types of RNA? ____
15. What is the sequence of the mRNA asked for?

Crash Course Protein Synthesis – link to [video](#)

1. How many letters is the longest word in the world?
2. What type of molecule is the longest word in the world?
3. What does he mean by the “Lair” where DNA is located?
4. What is the 7-letter code for the “Promotor”?
5. Where does the RNA polymerase in the egg come from?
6. What does RNA have instead of Thymine?
7. What kind of RNA is manufacturer in the nucleus?
8. What are the dots on the Rough ER?
9. Instead of “transfer RNA” what could tRNA be called?
10. How many amino acids are there?
11. How many letters at a time is read in the ribosome?
12. What are 3 bases on an mRNA molecule called?
13. What are 3 bases on a tRNA called?
14. What is a group of amino acids called?
15. How many amino acids make up the giant protein Titian?