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

**Due Thursday, January 22 (M3) or Friday, January 23 (G2/G4)**

\*This will be 10 points towards in your Quarter 3 “A- Knowledge with Understanding” standards grade

**Instructions:**

* Look at the diagram below. **Explain the steps involved in protein synthesis.** Use the phrase DNA 🡪 mRNA 🡪Protein to help you.
* Be sure to include the following terms, and underline them in your explanation:

DNA, enzymes, hydrogen bonds, gene, replication, mRNA, nucleus, transcription, translation, ribosome, codon, tRNA, anticodon, amino acid, peptide bonds, and protein

* You may write your answer on the back of this worksheet. Attach any additional sheets needed.
* Write all internet (or other) sources used in the space provided below.



Image Source: <http://westwood.roundrockisd.org/cms/One.aspx?portalId=13553&pageId=2843249>

Sources: