



Name \_\_\_\_\_ Class \_\_\_\_\_ Date \_\_\_\_\_

### Match each of the following terms to its definition:

TRNA

Ribosomes

Protein

Replication

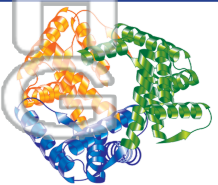
Protein synthesis

Trait

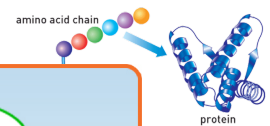
Translation

Transcription

1. \_\_\_\_\_ - large organic molecules that are made of carbon, oxygen, hydrogen, nitrogen, and sometimes sulfur; proteins and lipids are the key components of cell membranes



2. \_\_\_\_\_ - the process of reading mRNA to produce a very specific protein



3. \_\_\_\_\_ nucleus



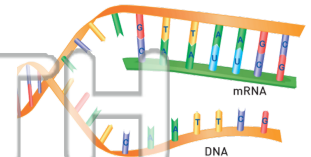
4. \_\_\_\_\_

## PREVIEW

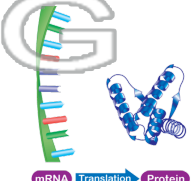
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5. \_\_\_\_\_ down from

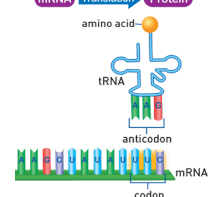
6. \_\_\_\_\_ RNA - the process of using a strand of DNA to make messenger



7. \_\_\_\_\_ - the process of converting the coded information on a messenger RNA to a protein



8. \_\_\_\_\_ - transfer ribonucleic acid; a strand of RNA that carries a specific amino acid and has an anti-codon region that pairs with mRNA codon





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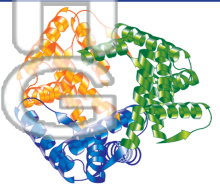
Protein synthesis

Trait

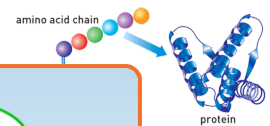
Translation

Transcription

**1. protein** - large organic molecules that are made of carbon, oxygen, hydrogen, nitrogen, and sometimes sulfur; proteins and lipids are the key components of cell membranes



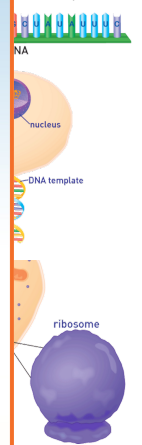
**2. protein synthesis** - the process of reading mRNA to produce a very specific protein



**3. replication**  
nucleus



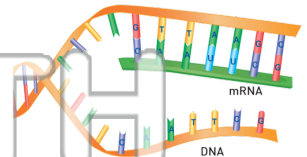
**4. ribosome**



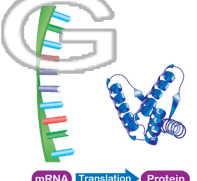
**5. trait** -  
parent to

**PREVIEW**  
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**8. tRNA** - transfer ribonucleic acid; a strand of RNA that carries a specific amino acid and has an anti-codon region that pairs with mRNA codon

