



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

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

Replication

Transcription

Protein

Translation

TRNA

Ribosome

Protein synthesis

Trait

1. \_\_\_\_\_ - large organic molecules that are made of carbon, oxygen, hydrogen, nitrogen, and sometimes sulfur

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

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

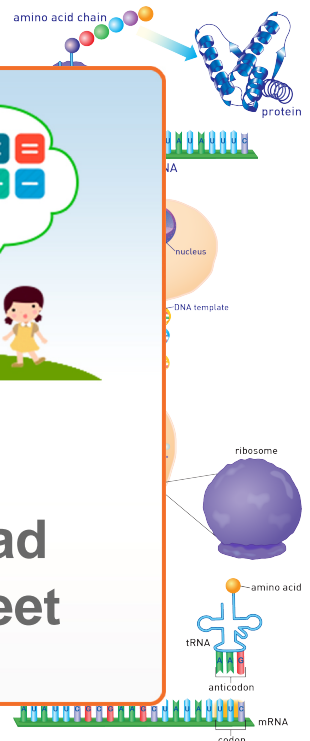
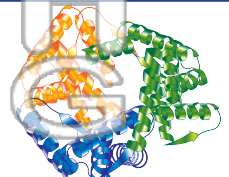
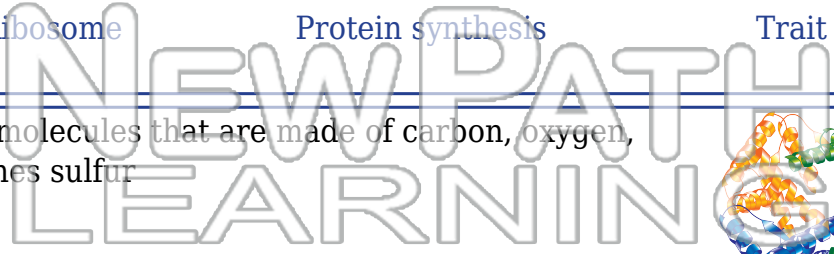
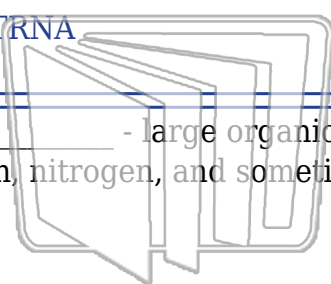
4. \_\_\_\_\_

5. \_\_\_\_\_ specific amino acid codon

6. \_\_\_\_\_ - the physical characteristic of an organism that is passed down from parent to offspring

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

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

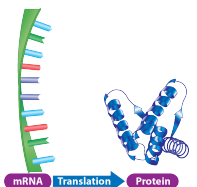
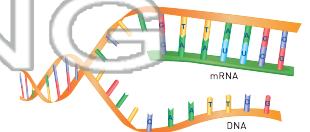
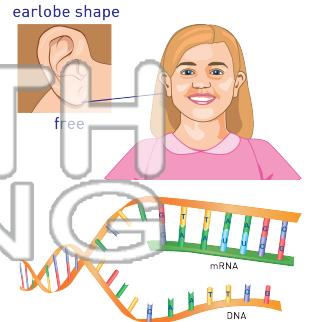
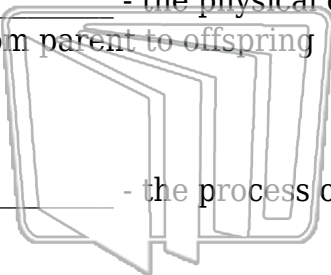


3. \_\_\_\_\_ nucleus



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Replication

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Protein

Translation

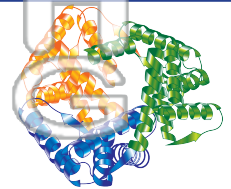
tRNA

Ribosome

Protein synthesis

Trait

**1. protein** - large organic molecules that are made of carbon, oxygen, hydrogen, nitrogen, and sometimes sulfur



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



**3. replication**  
nucleus

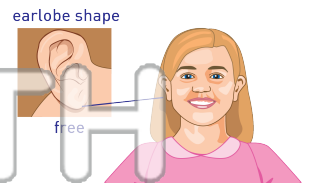


**4. ribosome**

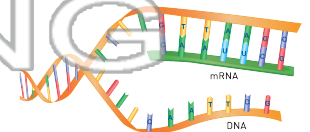
**5. tRNA**  
amino acid

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**6. trait** - the physical characteristic of an organism that is passed down from parent to offspring



**7. transcription** - the process of using a strand of DNA to make a messenger RNA



**8. translation** - the process of converting the coded information on a messenger RNA to a protein

