

Name \_\_\_\_\_

Date \_\_\_\_\_

**TRANSCRIPTION: DNA to RNA**

1. What is the **mRNA** strand that would be copied from this **DNA** strand?

G G C   T A T   A T C   C T G   C G C   T A T   A C G   C T A

\_\_\_\_\_

2. What is the **mRNA** strand that would be copied from this **DNA** strand?

C A A   T T A   C G A   T C C   C G G   C A A   T T G   G T T

\_\_\_\_\_

3. The m in mRNA stands for \_\_\_\_\_.
4. What is the function of mRNA? \_\_\_\_\_
- \_\_\_\_\_
5. Draw a picture of the monomer of RNA, called a \_\_\_\_\_.  
(p. 291)

6. In your picture label the following parts: ribose- sugar, A, C, T, or G base, and phosphate group.

7. What are three differences between RNA and DNA? (p. 300)