

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)