

## **DNA**

**Directions:** *Answer the following questions on the lines provided.* 

1. Write the letter of the DNA bases that pair with the following DNA strand.

T: \_\_\_\_

G: \_\_\_\_\_

A: \_\_\_\_\_

T: \_\_\_\_\_

C: \_\_\_\_

2. Write the name of the RNA bases that pair with the following DNA strand.

A:

C: \_\_\_\_\_

T: \_\_\_\_\_

G: \_\_\_\_

A: \_\_\_\_\_

- 3. What structure contains the instructions for making specific protein?
- **4.** What makes up the sides of the "ladder" of a DNA molecule?
- **5.** How is RNA different from DNA?
- **6.** What role does RNA play in cell life?
- 7. What are the three kinds of RNA and what does each do?

**8.** What can cause mutations?