

Name: _____ Period: _____

Transcription Practice

Answer the following questions.

1. Which bases are found in DNA?
2. Which base is found in RNA but not DNA?
3. Where does transcription take place in the cell?
4. In what two ways are RNA and DNA different?
5. When making RNA, adenine bonds with _____.

Use the DNA below to transcribe the mRNA strands.

6. DNA C G T A C G T C A G
 mRNA

7. DNA G A C A G T C A G A
 mRNA

8. DNA A T G A C C C A G G
 mRNA

9. DNA A T G A C C A T G A
 mRNA

Use the mRNA strands below to reverse transcribe the DNA.

10. DNA
 mRNA G G U A C U A C C G

11. DNA
 mRNA U C C A C G U U A G

12. DNA
 mRNA C A U U U G A C A U

13. DNA
 mRNA A A C G G U A G C U