

Transcription Practice

Answer the following questions.

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| 1. Which bases are found in DNA? | 4. In what two ways are RNA and DNA different? |
| 2. Which base is found in RNA but not DNA? | |
| 3. Where does transcription take place in the cell? | 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