1. Write the matching mRNA sequences in the boxes:

|  |  |  |
| --- | --- | --- |
| a. TCCAG | c. AFAAT | e. GCATA |
| b. TGCAATG | d. TGCCATT | f. TACGAAT |

1. What is DNA transcription?
2. How is DNA transcription different from DNA replication?
3. Why do you think mRNA is known as a messenger?
4. What are the three differences between DNA and RNA?
5. Why do DNA and RNA have different names?
6. What is the first step of DNA transcription?
7. How is step two of DNA transcription different from step two of DNA replication?
8. What is the third step of DNA transcription?
9. What happens to the mRNA after the process is complete?
10. Why is DNA transcription a necessary process?

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