

Name: \_\_\_\_\_ Date: \_\_\_\_\_ Period: \_\_\_\_\_

**VIDEO GUIDE FOR BOZEMAN BIOLOGY – TRANSCRIPTION AND TRANSLATION --> [tinyurl.com/yyhrowdf](http://tinyurl.com/yyhrowdf)**

1. What is the central dogma?
  
2. What is transcription? Where does it occur?
  
3. What is translation? Where does it occur?
  
4. What enzyme does transcription?
  
5. After transcription, a \_\_\_\_\_ and a \_\_\_\_\_ are added to the ends of the mRNA.
6. The three steps in transcription (and translation) are:
  - a. I \_\_\_\_\_
  - b. E \_\_\_\_\_
  - c. T \_\_\_\_\_
  
7. What are introns?
  
8. What happens in mRNA splicing?
  
9. How many bases of DNA are required to code for each amino acid?
  
10. What is the function of tRNA?
  
11. If the ribosome is attached to the rough ER, where does the protein go?
  
12. A chef is like a \_\_\_\_\_
13. The recipe is like a \_\_\_\_\_
14. The pizza is like the \_\_\_\_\_