

Chapter 10 Reading Guide: How Proteins are Made
Pages 208-220

Pages 208-210

1. What is ribonucleic acid (RNA)?

How is RNA similar to DNA?

How is RNA different from DNA?

2. Look at Figure 1 and summarize how a protein is built based on the figure.

3. Define these key terms in your own words: Transcription, Translation, and Gene Expression. (Hint: You can also use the glossary starting on page 1072 to help with this task)

Transcription:

Translation:

Gene Expression:

4. Using the steps outlined in the text, the information on pages 209-210, and the information in Figure 2, describe the three steps of transcription in your own words.
5. How is Transcription similar to DNA replication? (You may want to look back at your notes or the information in chapter 9)