

Section 12.3 DNA, RNA, and Protein (continued)

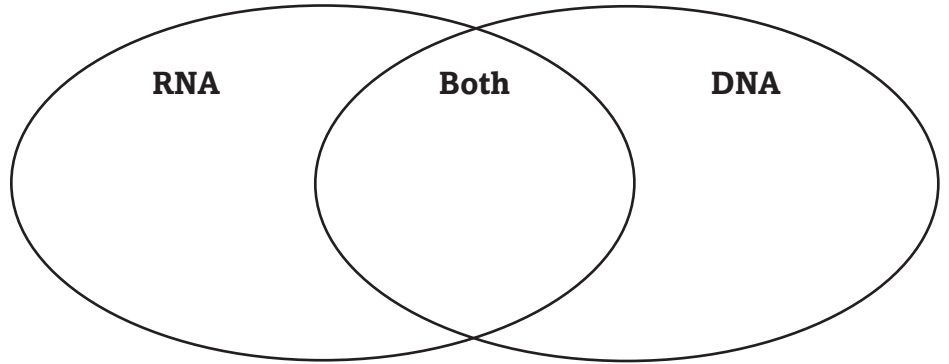
Main Idea _____

Central Dogma

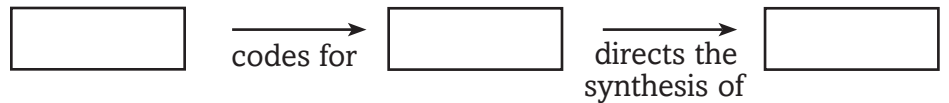
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Details _____

Compare and contrast RNA and DNA by writing at least five characteristics of their structure and composition in the Venn diagram.



State the central dogma of biology.



Compare the function of each type of RNA molecule by completing the table.

Type of RNA	Function
mRNA	
rRNA	
tRNA	

Sequence the steps in transcription of RNA.

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Main Idea _____

**The Code,
One Gene—
One Enzyme**

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on page _____.*

Details _____

Identify *four examples of codons and state the instructions they encode.*

- 1. _____
- 2. _____
- 3. _____
- 4. _____

Model *the movement of tRNA molecules showing the translation process.*

State *the updated version of Beadle and Tatum's hypothesis.*
_____ codes for _____.

SUMMARIZE

Create a flow chart to describe the formation of a protein.
Describe the activities of DNA and the three types of RNA.