



Name _____

Period _____

Date _____

SECTION
8.2

STRUCTURE OF DNA
Power Notes

Parts of a DNA molecule

Nitrogen-containing bases

Pyrimidines

Purines

Base pairing rules:

Bonding

1.

2.

Chargaff's rules:

Overall shape:

Backbone

1.

2.

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SECTION

8.3

DNA REPLICATION

Power Notes

General description:

Process

1.

2.

3.

End result

4.

Identify the structures.

1.

2.

3.

4.

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SECTION
8.4

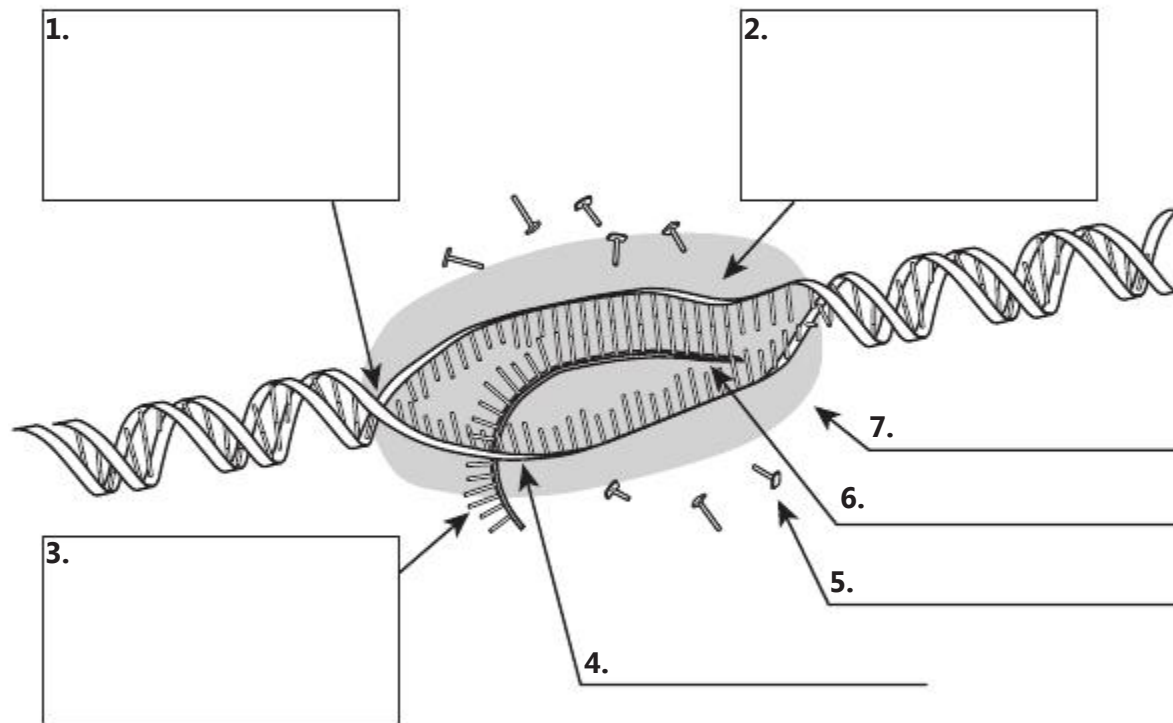
TRANSCRIPTION
Power Notes

Central Dogma

1. DNA	2. →	3.	4. →	5.
DNA: . . .		RNA: . . .		

Transcription

Label the parts on the lines below. Summarize the steps of transcription in the boxes.



RNA Type	Function
1. Messenger RNA (mRNA)	
2.	
3.	

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Name _____

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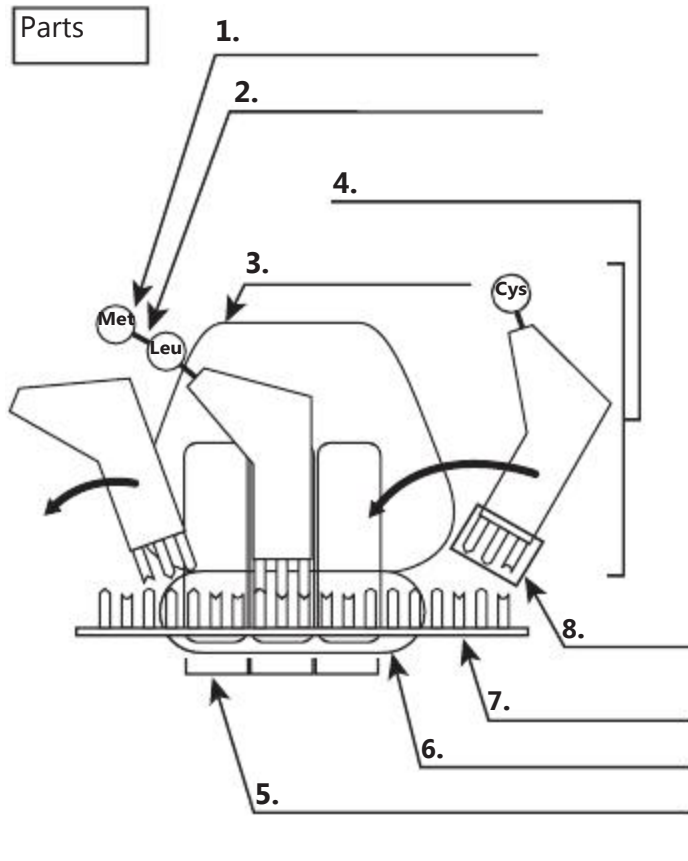
Date _____

SECTION
8.5

TRANSLATION
Power Notes

Reading frame:	Triplet Code Codon	Common language:
Start codon:		Stop codon:
Ribosome	Anticodon	Transfer RNA (tRNA)

Translation

Parts	Process
	1.
	2.
	3.

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