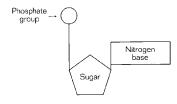
10 ,,	v for quiz #2	Name: Hour:
1.	Describe the overall shape of DNA:	
2.	What 3 parts is a nucleotide composed	of?
3.	What are the 4 nitrogen bases of DNA	? (Give the full names.)
4.	In what 3 ways does the structure of R	NA differ from DNA?
	RNA	DNA
5.	What are the 4 nitrogen bases of RNA?	? (Give the full names and symbols)
5.	What are the 4 nitrogen bases of RNA?	? (Give the full names and symbols)
	What are the 4 nitrogen bases of RNA?  What are the 4 nitrogen bases of DNA?	
		? (Give the full names and symbols)

- 8. Each organism has a unique combination of characteristics encoded in molecules of \_\_\_\_\_\_.
- 9. Who is given credit for discovering the structure of DNA?
- 10. The scientists who were credited with discovering DNA's structure used another researcher's X-ray image and careful measurements without permission. Who was this other scientist?
- 11. What is primary function of DNA?



- 12. Refer to the illustration above. The entire molecule shown in the diagram is called a(n):
- 13. What holds the base pairs and the two sides of the helix together in a strand of DNA? \_\_\_\_\_

Use the diagram below to answer questions 14-17.

- 14. The structures labeled Y in the diagram are the:
- 15. The structures labeled Z in the diagram are the:
- 16. The structures labeled A, T, C, and G in the diagram are the:
- 17. The lines between A and T and between C and G represent: