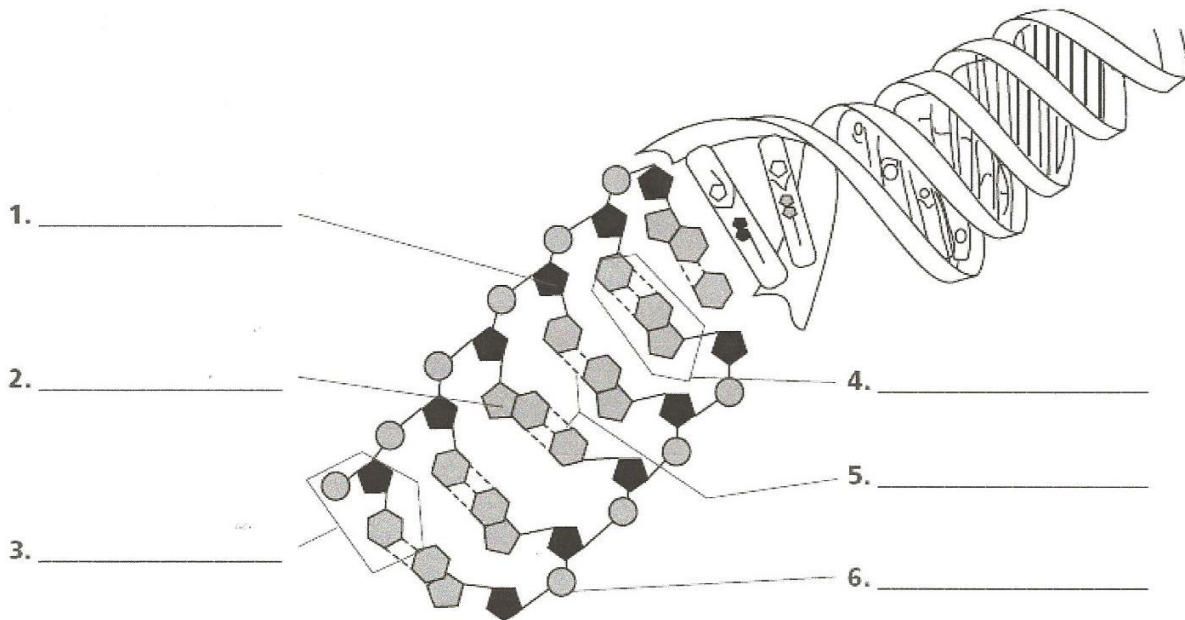


L #1: DNA Worksheet

Label the diagram. Use these choices: nucleotide, deoxyribose, phosphate group, nitrogen base, hydrogen bonds, and base pair.



Complete each statement.

7. _____ (A), _____ (G), _____ (C), and _____ (T) are the four _____ in DNA.
8. The sequence of _____ carries the genetic information of an organism.
9. The process of _____ produces a new copy of an organism's genetic information, which is passed on to a new cell.
10. The double-coiled shape of DNA is called a _____.
11. A nucleotide is made up of three parts: a _____ group, a five carbon _____ and a _____ base.
12. In a strand of DNA, if the percentage of thymine is 30%, the percentage of cytosine in the same DNA strand should be _____%.