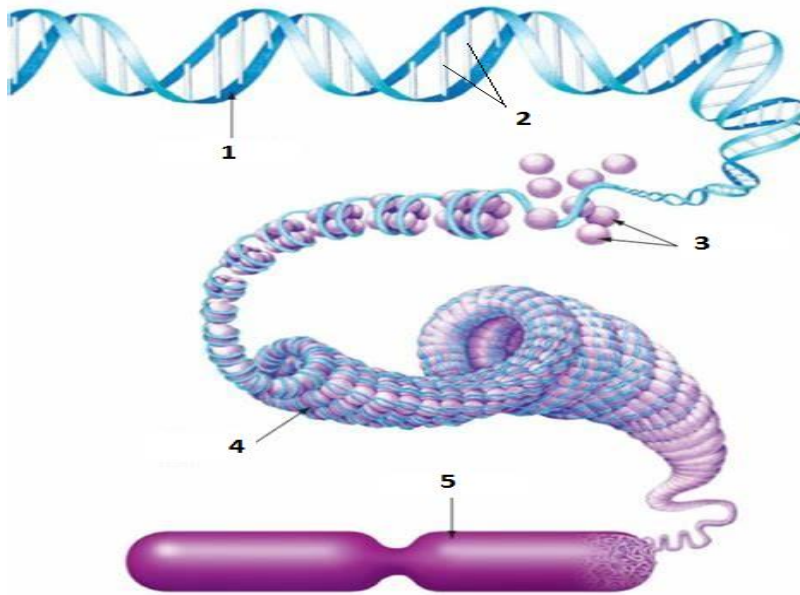


2.3

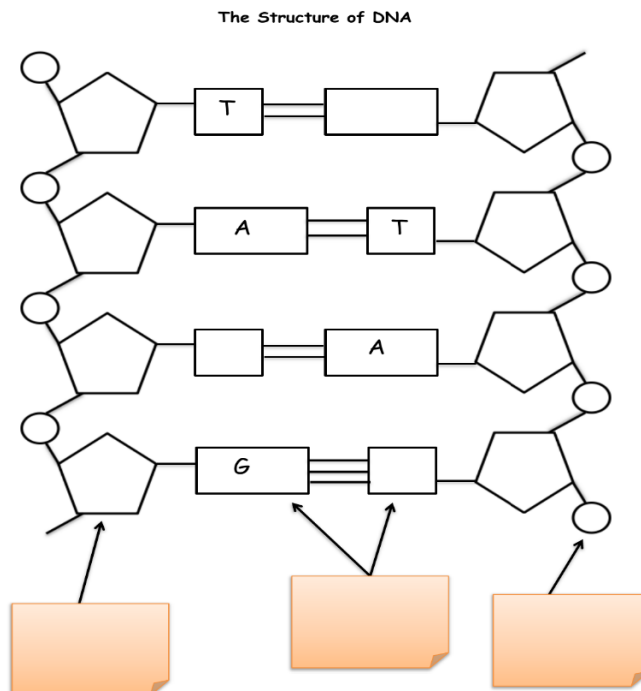
1. What are the 3 major parts (components) of DNA?
2. Describe how bases pair up in DNA
3. What is chromatin?
4. How many chromosomes does a human body cell contain?
5. What are genes?
6. Where are genes located?
7. Your retina cells and muscle cells contain identical DNA. How are these cells able to function differently?

8. Label the following diagram using each term only once:

Chromatin, base pairs, chromosome, protein, DNA



- 9.



1. Label the different components of the DNA as 'base', 'phosphate group' or 'deoxyribose sugar'.
2. Add the missing complementary base pairs to the diagram.