

Name: _____

Chapter 9 Notes: DNA

What is DNA?

_____ = **D**eoxyribo**n**ucleic **A**cid

DNA's job is to _____.

Human, tree, bacteria, mushroom, paramecium, etc! _____!

DNA is _____ (genes) in the _____ of every cell.

DNA "codes" for all your _____. (Eye color, height, hair color etc)

Each organism has a _____ of DNA that makes it different from all other organisms!

QUESTION

How tall would a stack of books be that stores all of the genetic information in the DNA of **ONE CELL**?

GUESS:

ANSWER

As tall as a 19 story building!

We have _____ nitrogen bases put together in a specific way

IS DNA AN ORGANIC MOLECULE?

-

Remember Nucleic Acids?

(_____)

Deoxyribonucleic Acid is a Nucleic Acid!

The structure of DNA

DNA is in the form of a "_____". This means that it looks like two ribbons twisted together.

The scientific name for this is: _____

WATSON & CRICK

In _____, two men were credited with the discovery of the double helix. (They did _____ discover DNA, but they figured out what DNA _____.)

Their names were _____ & _____.