

Structure of DNA/Structure of the Genome

[Empty rounded rectangular box for drawing a single nucleotide]

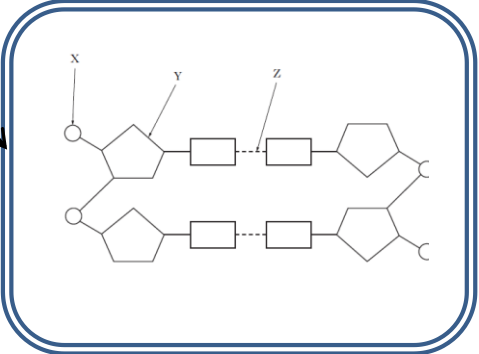
[Empty rounded rectangular box for the name of repeating units]

Made up of what 3 parts?

[Empty rounded rectangular box for the 3 parts of DNA]

Name of the repeating units that make up a molecule of DNA.

Label the 3' and 5' end of each strand. Name bonds Y and Z.



Draw a single nucleotide and label the parts

List three possible functions of DNA sequences. (1 coding, 2 non-coding)

1.
2.
3.

Complete the following

[Large empty rounded rectangular box for completing the following]

Shape of DNA is described as a

[Empty rounded rectangular box for the shape of DNA]

Describe the base pairing rule for DNA.

[Empty rounded rectangular box for the base pairing rule]

Explain why the strands of DNA are described as anti-parallel.

[Empty rounded rectangular box for explaining anti-parallel strands]