

DNA Structure, DNA Replication, and Protein Synthesis Review

1. A nucleotide is made of three parts: a _____ group, a five carbon _____, and a nitrogen containing _____.
2. In a single strand of DNA, the phosphate group binds to the _____ of the next group.
3. The 5' end of a single DNA strand contains a free _____, while the 3' end contains a free _____.
4. Purines have _____ rings, and pyrimidines have _____ ring.
5. Write out the complete name for DNA: _____

On the diagram:

- Label the 3' and 5' ends.

