

DNA STRUCTURE & FUNCTION

Review your lecture notes and the DNA Structure & Function lab. Answer the following questions:

What is a “gene”?

Name the three parts of a DNA nucleotide.

What are the four possible nitrogenous bases found in DNA? What about RNA?

Name the “shape” of a DNA molecule and describe what it looks like.

What is DNA replication and why does a cell undergo this process? (why does it need 2 copies?)

Name the two main steps involved in making a protein.

1.

2.