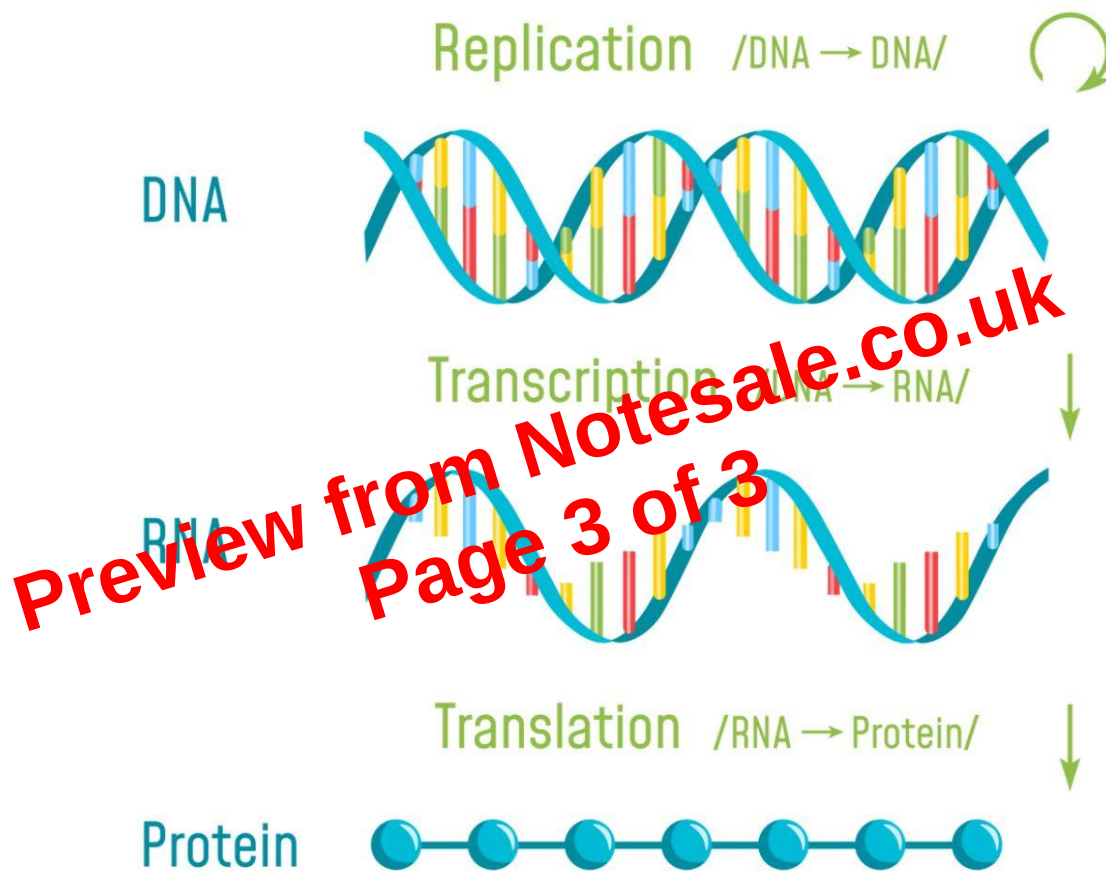


anticodon on the tRNA do complementary base pairing with the anticodon bringing the first amino acid which is methionine with the code UAC then the second tRNA with next exposed bases bringing a different amino acid. The amino acids form a peptide bond the reaction is catalysed by peptide transferase. The ribosome moves along the mRNA and a third molecule of tRNA brings a third amino acid which joins to the second one. The first tRNA leaves. The polypeptide chain continues to grow.



In brief DNA replicates and protects the genetic material. Through transcription RNA is produced and goes outside the nucleus for translation. Translation is the process by which protein is produced.