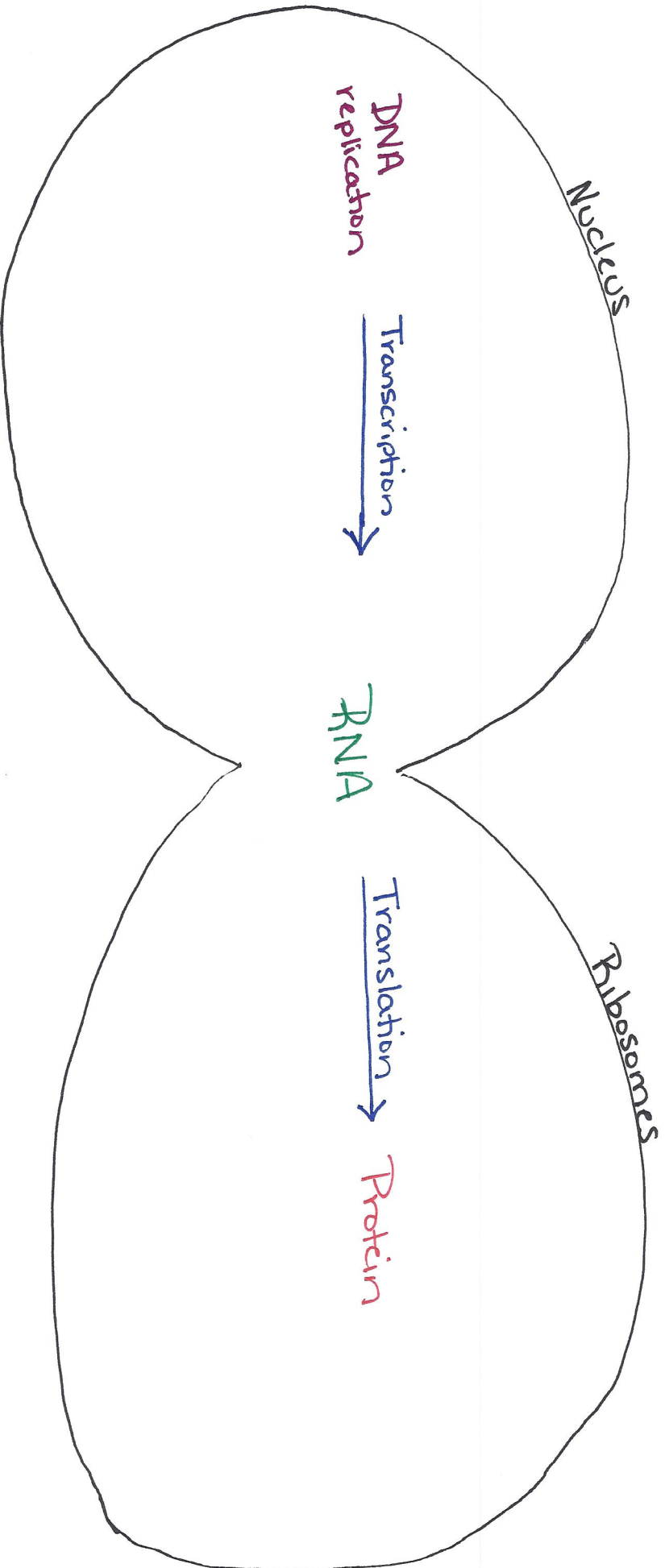


Protein Synthesis

(multistep process that starts in the nucleus and finishes on the ribosomes)



Transcription

Creates mRNA from DNA template in the nucleus

mRNA leaves the nucleus through the nuclear pore and into the cytoplasm

Translation

Ribosomes read the mRNA + tRNA brings the anticodon and their amino acid which creates the polypeptide chain (protein)