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- Reading Pg. 86-87 then Review pg. 77
  - Protein Synthesis Notes pg. 96
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## Protein Synthesis

• The process of using your genetic code to make proteins.

• 2 Steps to protein Synthesis

1- Transcription: Happens in the nucleus

- mRNA makes a copy of the needed DNA strand

- DNA is split open using an enzyme

- Enzymes put DNA back together after mRNA makes a copy.

2- Translation: Happens in the ribosomes

- mRNA goes into the ribosome 3 bases at a time (3 bases = Codon)

- Codon "codes" for an amino acid

- tRNA brings an amino acid to the ribosome. An amino acid chain is made.

