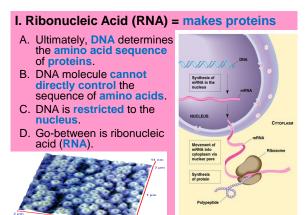
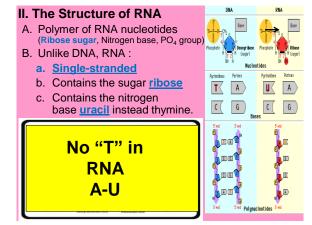
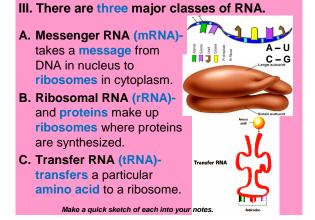


If the amount of adenine in a DNA molecule is 20%, then the amount of cytosine would be what percent?

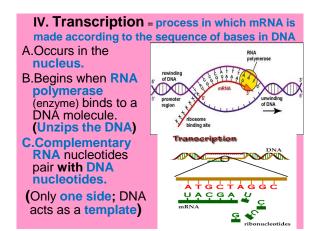
30% Adenine (20%) bonds with Thymine (20%), making up 40% of the DNA. With 60% left over, Cytosine would have 30% and Guanine would have 30%









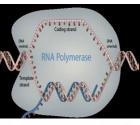


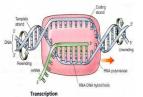
D.RNA polymerase joins the RNA nucleotides together.

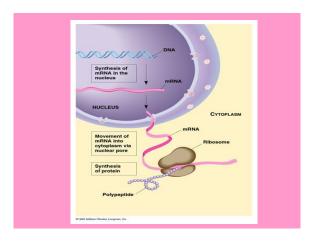
E.Terminator

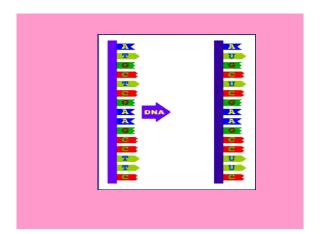
E.Terminator sequence causes RNA polymerase to stop.

F. DNA strands rejoin.







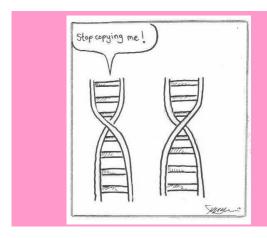




# DNA is like a mold or template for making mRNA







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  - a. Create mRNA
  - b. Create tRNA
  - c. Create amino acids
  - d. Create a protein

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  - b. DNA is "unzipped" by special enzymes in the nucleus
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  - d. mRNA is created by complimentary base pairing to a single DNA strand

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# **Answer**

- 3. The final step in transcription is:
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- 4. Transcription occurs in which part of the cell?
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6. What would be the sequence of bases on the complimentary DNA strand?

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a.AACGACUUAGCUUAG

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c.TTGCTGAATCGAATC

## **Answer**

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a.AACGACUUAGCUUAG b.UUGCUGAAUCGAAUC c.TTGCTGAATCGAATC 7. What would be the sequence of bases on the complimentary mRNA strand?

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#### Answer

7. What would be the sequence of bases on the complimentary mRNA strand?

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a. Transcription

b.Translation

c.Replication

d. Cellular Respiration

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  - b. Translation
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  - b.Thymine
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  - c.Crick and Watson
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