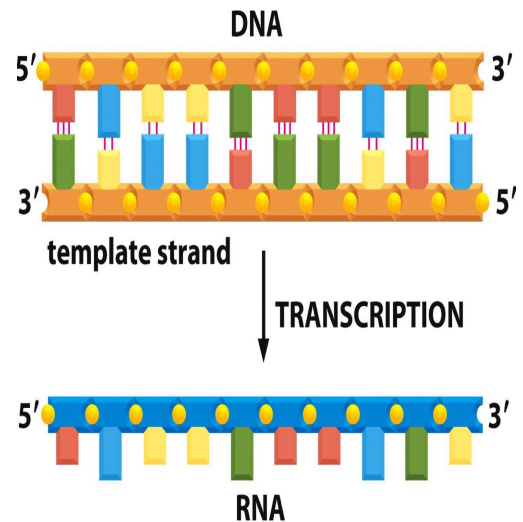


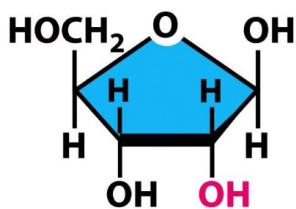
### Transcription: from DNA to RNA

- top strand = coding strand
- For transcription you need RNA polymerase
- RNA contains uracil instead of thymine and is single-stranded instead of double-stranded



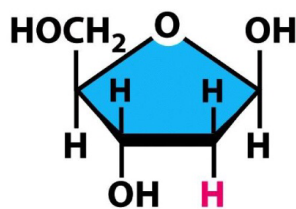
### RNA structure

- If you have 2 RNA strands they can fold up together = secondary structure



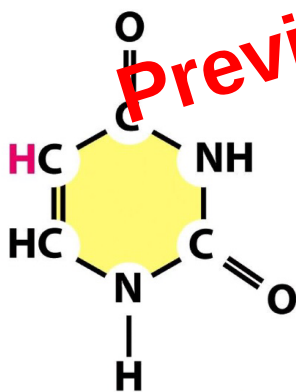
**ribose**

used in ribonucleic acid (RNA)



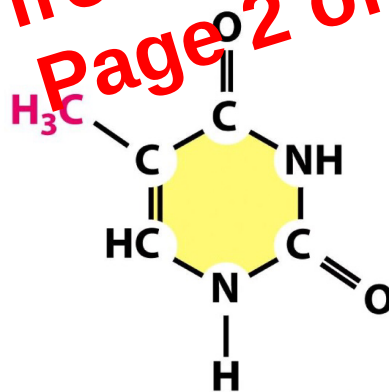
**deoxyribose**

used in deoxyribonucleic acid (DNA)



**uracil**

used in RNA



**thymine**

used in DNA

