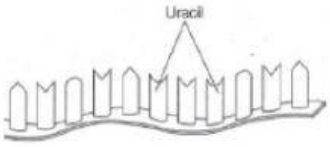
Name:		Class/Section: 10	Date:
Unit: Unit 4 - Genetics	**Chapter:** 13- RNA & Protein Synthesis	**Lesson:** 13.1 RNA	**Textbook p.:** 362-365
HUBS		**Application Task**	

1. Complete the table to contrast the structures of DNA and RNA

	Sugar	Number of Strands	Nitrogen base (only write the nitrogen base that is different)	Location
DNA				
RNA				

2. In the boxes below each image, identify each type of RNA.

3. Complete each statement by writing the correct word or word.
   a. The process of using DNA to produce complementary RNA molecules is called _____.
   b. The sequence of _____ in mRNA complements the sequence in the DNA template.
   c. In eukaryotes, RNA is formed in the _____ and then travels to the _____.
   d. The enzyme _____ binds to DNA during transcription.
   e. RNA polymerase binds to regions of DNA called _____, which are "start" signals for transcription.
   f. _____ are portions of RNA that are cut out and discarded.