

## Homework assignment

NAME \_\_\_\_\_

Complete and return to your teacher by \_\_\_\_\_

RNA and DNA are two types of Nucleic acid

1) Complete the table by giving the features of these two molecules

	DNA	RNA
Bases present		
Relative length		
Sugar		
Location in eukaryote cell		

2) Discuss how the arrangement of bases in the DNA molecule allows it to carry genetic information. Your answer should include information on the significance of:

- sequence of bases on the DNA
- nature of the code (codons)
- redundancy of the genetic code.