

Name: _____ Date: _____ Class: _____

DNA REVIEW – WITH A GRAPH!

Examine the data table below. The table shows the percentages of DNA's four nitrogenous bases in four different species.

Source of DNA	A	T	G	C
<i>Streptococcus</i>	29.8	31.6	20.5	18.1
Yeast	31.3	32.9	18.7	17.1
Herring	27.8	27.5	22.2	22.5
Human	30.9	29.4	19.9	19.8

- Using the data above, create:
 - 1 Bar graph comparing the four species.
 - 1 Pie graph for each species.
- Analyze the graphs you have just made. For each species, what is the relationship between the amounts of the four different nitrogenous bases?
- Define "Chargaff's Rule". Explain the role that Chargaff's rule played in Watson & Crick's model of DNA.