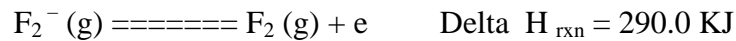
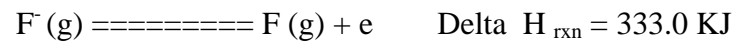


STUDENT NAME:

STUDENT ID:

SEC#:

Q1. From the following data:



- a) Calculate the bond energy of the $\text{F}_2^-(\text{g})$?
- b) Explain the difference between the bond energies of $\text{F}_2(\text{g})$ and $\text{F}_2^-(\text{g})$ using the MO theory?