**General Chemistry Quiz Make Up – KMT and Gas Laws**

1. What are the four postulates of the kinetic molecular theory (i.e. the principles which describe the basic properties of an ideal gas?) (8 pt)
2. Which of the underlying assumptions about the behavior of gas molecules (I’ve been referring to these as “postulates”) of the KMT do you believe is least accurate? Explain your answer. (4 pt)
3. After my grandfather has a big dinner of baked beans, he emits a gas that can be smelled at an unpleasantly long distance. Is the movement of this gas from my grandfather an example of effusion or diffusion? Explain your answer. (5 pt)
4. CH4 has been found to behave more like an ideal gas than NO. Explain why. (5 pt)