

Gas Laws Assignment #1

Name _____

Kinetic-Molecular Theory and Graham's Law:

1. Sketch a particle model for each of the assumptions of the Kinetic Theory on the notes page.
2. Describe the 5 physical properties of gases (expansion, low density, fluidity, compressibility, diffusion) in terms of the 5 assumptions of the Kinetic-Molecular Theory. It will probably take one paragraph for each property to relate each of the 5 assumptions to that property. You might not find it necessary to use all 5 assumptions with each property.