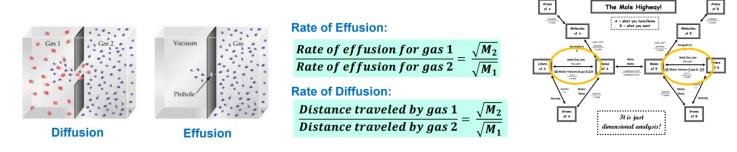
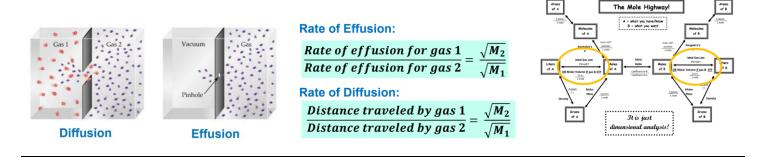
N27 – Gas Density and More



N27 – Gas Density and More



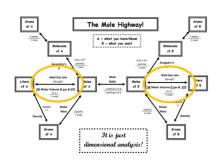
N27 – Gas Density and More



Diffusion

Effusion

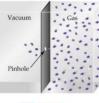
Rate of Effusion: Rate of effusion for gas 1 $\sqrt{M_2}$ Rate of effusion for gas 2 $\sqrt{M_1}$ **Rate of Diffusion:** Distance traveled by gas 1 $\sqrt{M_2}$ Distance traveled by gas 2 $\sqrt{M_1}$



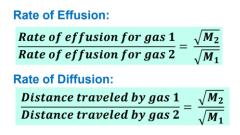
N27 – Gas Density and More

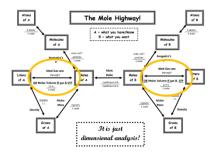


Diffusion

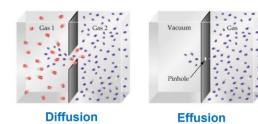


Effusion





N27 – Gas Density and More



Rate of Effusion:

Rate of effusion for gas 1 $|M_2|$ Rate of effusion for gas 2 $\sqrt{M_1}$ **Rate of Diffusion:**

Distance traveled by gas 1 M_2 **Distance traveled by gas 2** $\sqrt{M_1}$

