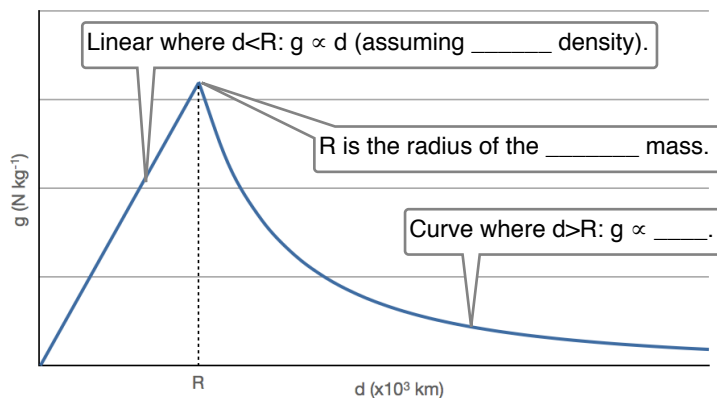


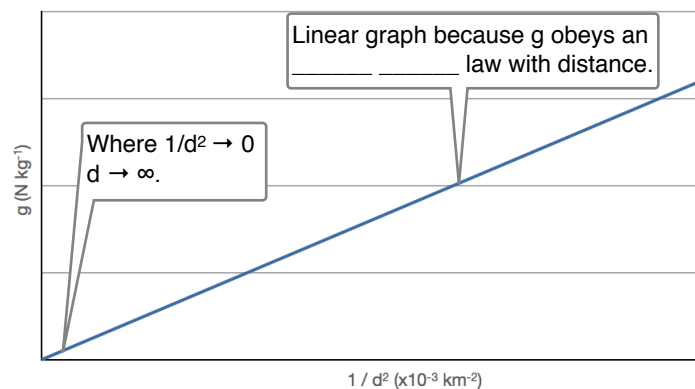
# Newtonian World Graphs

Thermal physics, circular motion, oscillations, gravity.

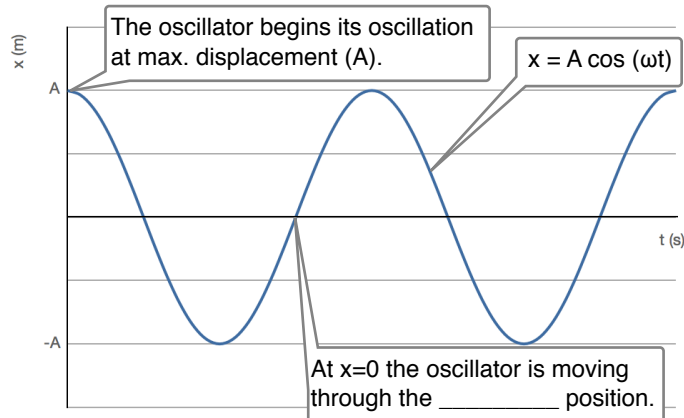
## Gravitational Field Strength v. Distance



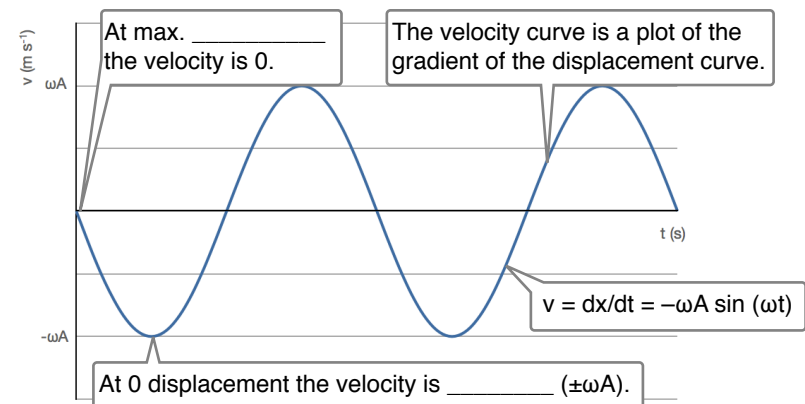
## Gravitational Field Strength v. Distance<sup>-2</sup>



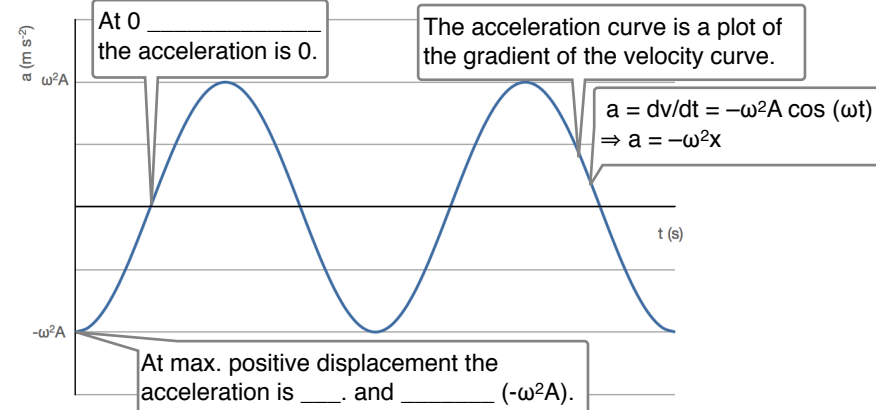
## SHM: Displacement v. Time



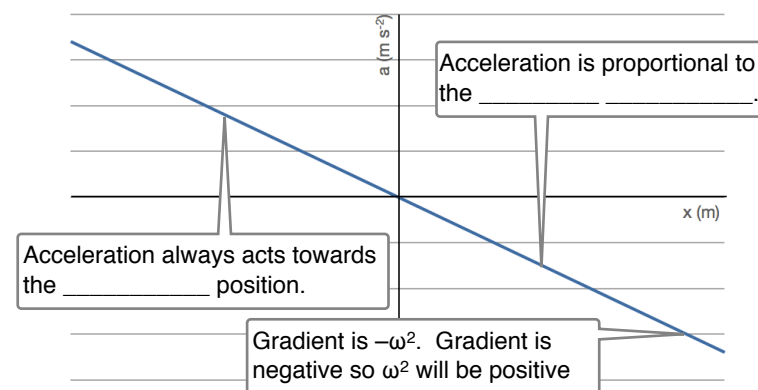
## SHM: Velocity v. Time



## SHM: Acceleration v. Time



## SHM: Acceleration v. Displacement

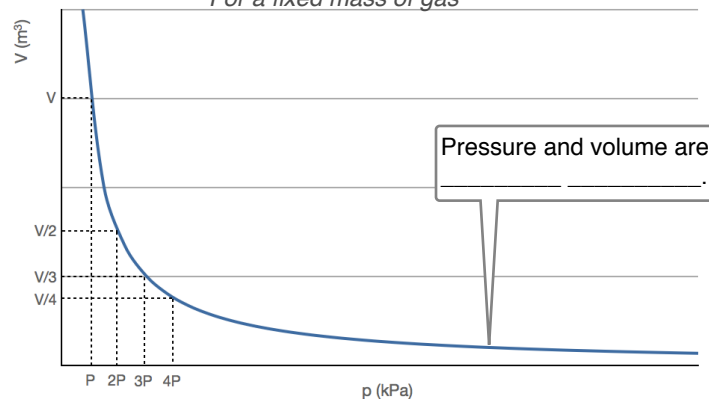


# Newtonian World Graphs

Thermal physics, circular motion, oscillations, gravity.

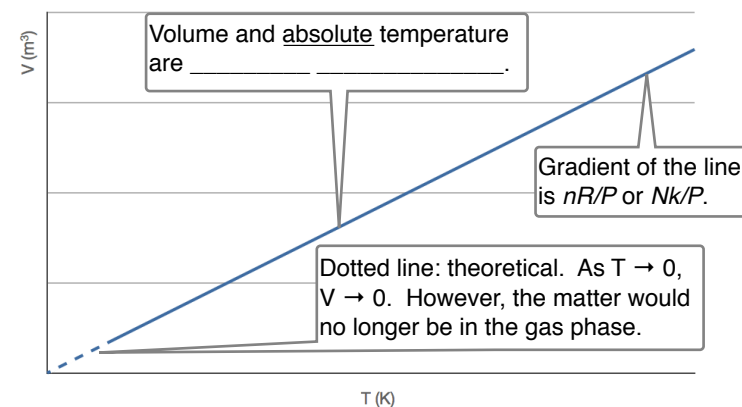
Gas Volume v. Gas Pressure (const. Temperature)

For a fixed mass of gas



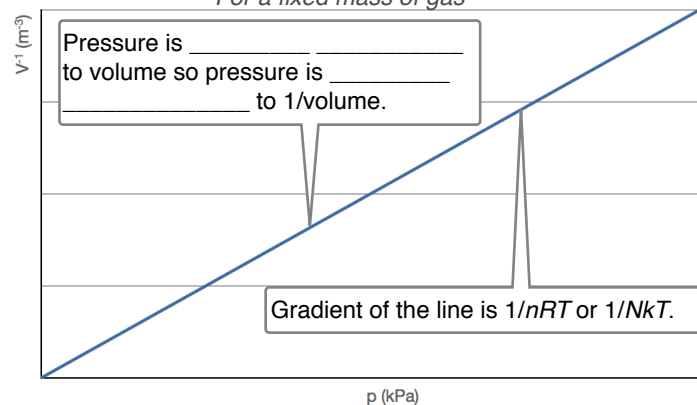
Gas Volume v. Gas Temperature (const. Pressure)

For a fixed mass of gas



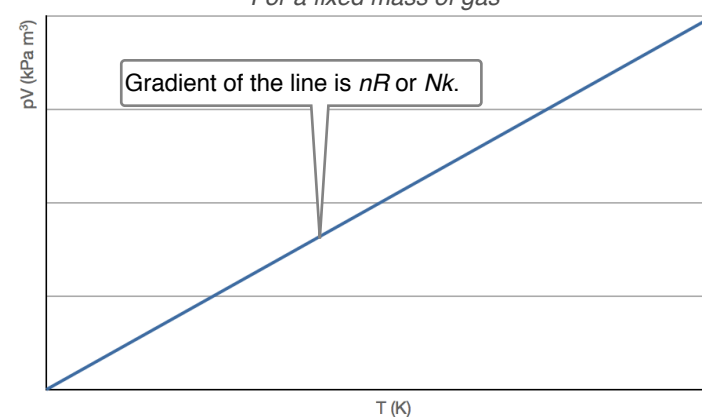
Gas Volume<sup>-1</sup> v. Gas Pressure (const. Temperature)

For a fixed mass of gas



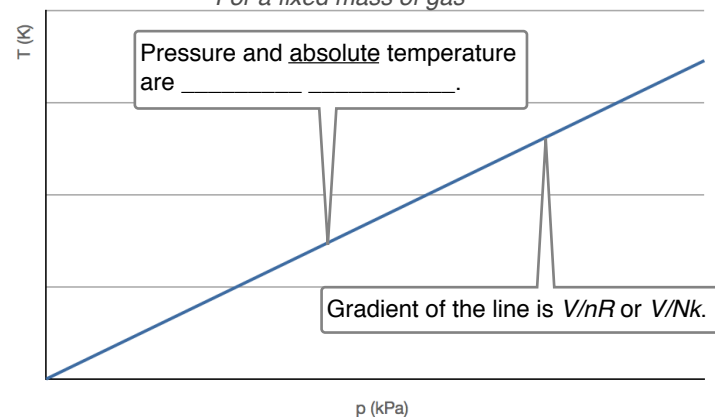
Gas Pressure x Volume v. Gas Temperature

For a fixed mass of gas

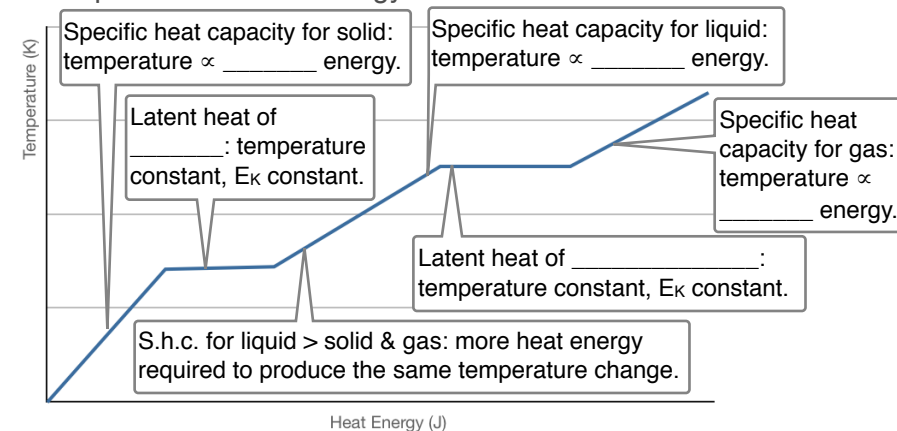


Gas Temperature v. Gas Pressure (const. Volume)

For a fixed mass of gas



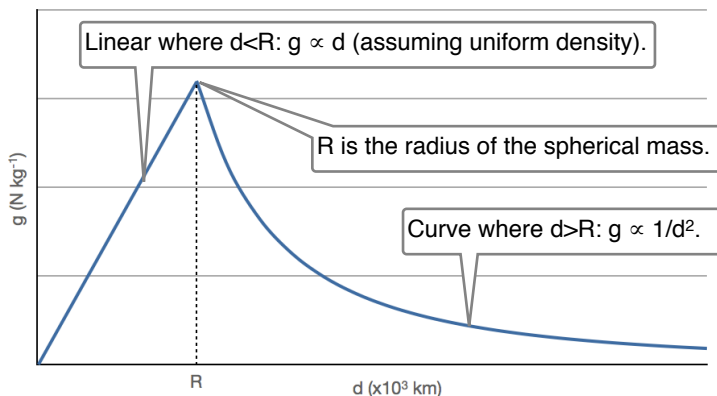
Temperature v. Heat Energy across States of Matter



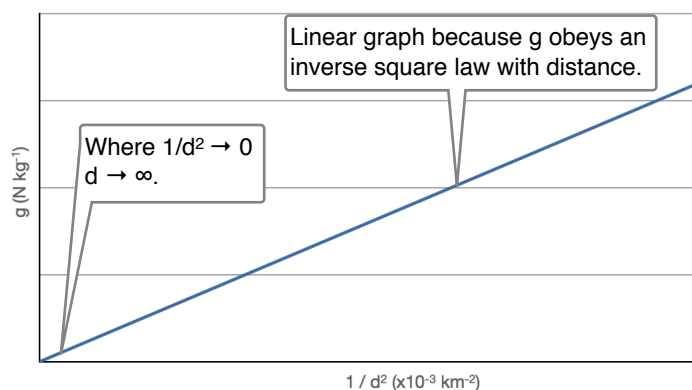
# Newtonian World Graphs

Thermal physics, circular motion, oscillations, gravity.

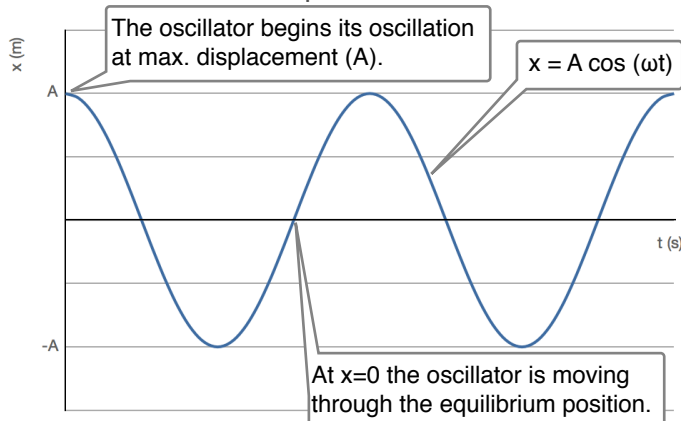
## Gravitational Field Strength v. Distance



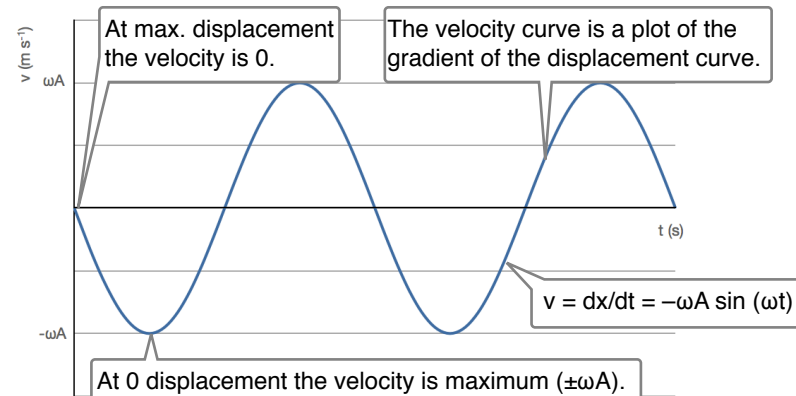
## Gravitational Field Strength v. Distance<sup>-2</sup>



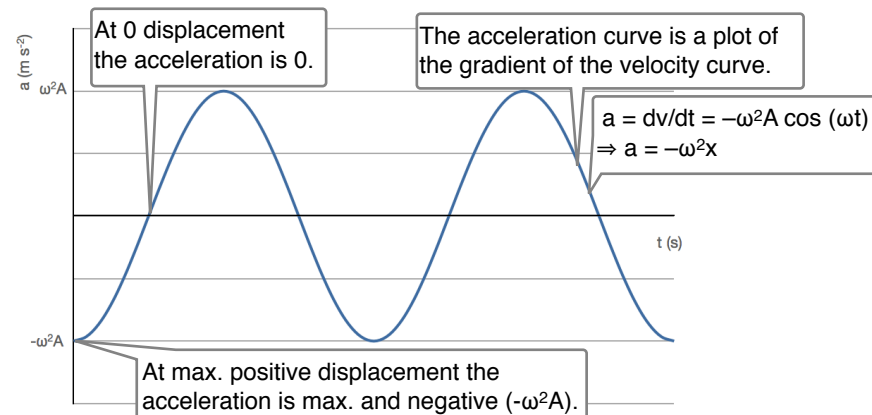
## SHM: Displacement v. Time



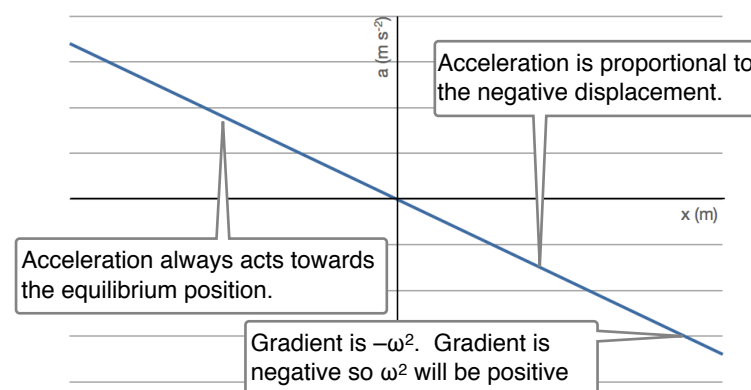
## SHM: Velocity v. Time



## SHM: Acceleration v. Time



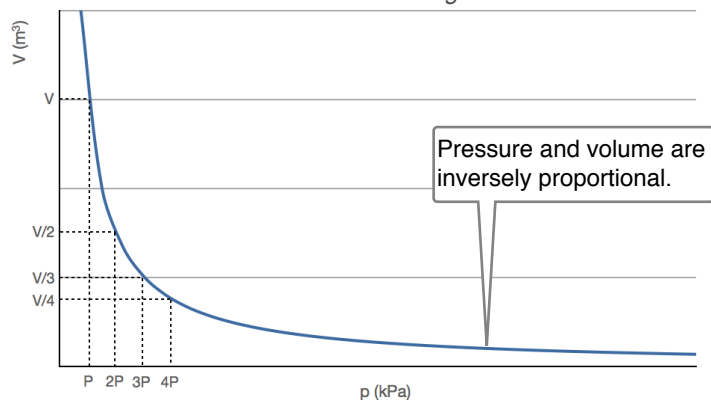
## SHM: Acceleration v. Displacement



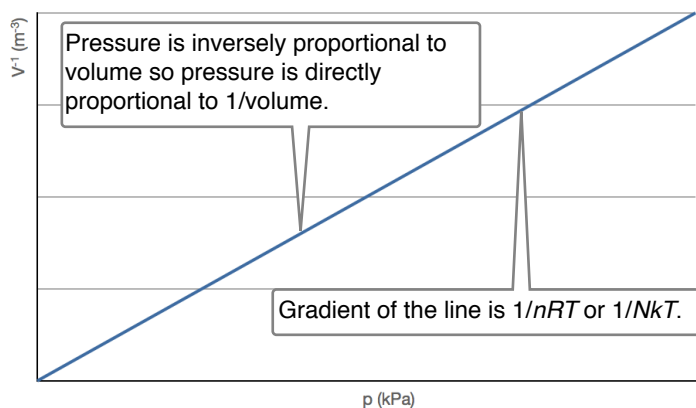
# Newtonian World Graphs

Thermal physics, circular motion, oscillations, gravity.

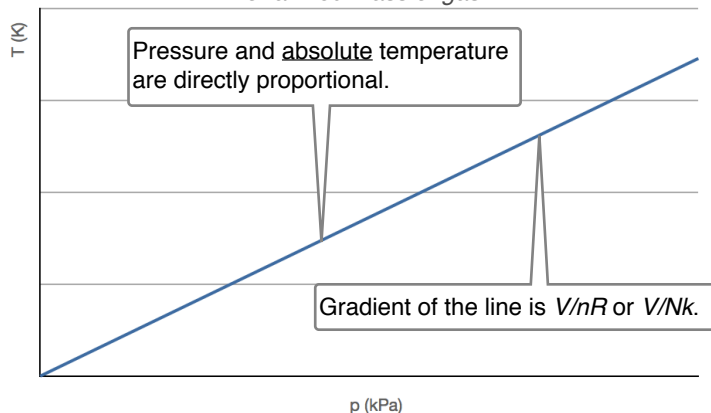
Gas Volume v. Gas Pressure (const. Temperature)  
For a fixed mass of gas



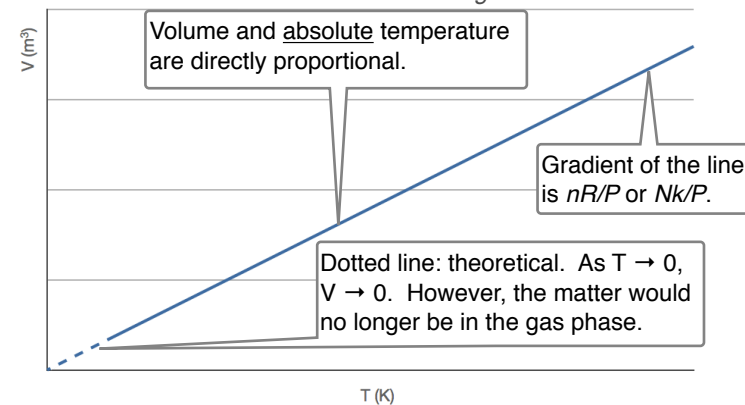
Gas Volume<sup>-1</sup> v. Gas Pressure (const. Temperature)  
For a fixed mass of gas



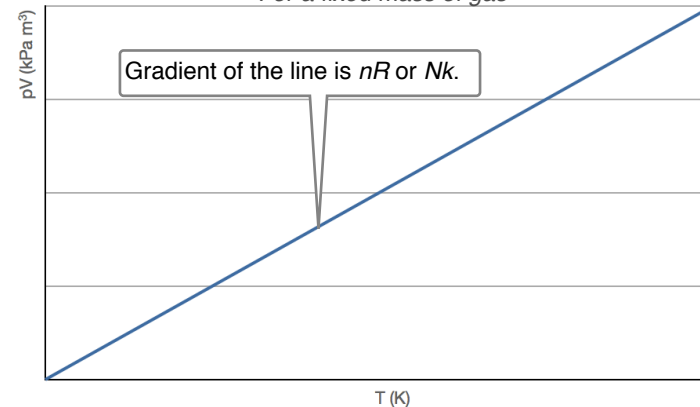
Gas Temperature v. Gas Pressure (const. Volume)  
For a fixed mass of gas



Gas Volume v. Gas Temperature (const. Pressure)  
For a fixed mass of gas



Gas Pressure x Volume v. Gas Temperature  
For a fixed mass of gas



Temperature v. Heat Energy across States of Matter

