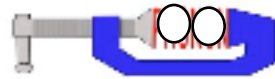


Squeezing molecules:



Problem: _____

Info we have: Particle Theory of Matter

Draw 6 molecules showing how close together you think they are in a

Solid	Liquid	Gas

Hypothesis: What percent of the volume will remain after 4 books are added?

1. Gas molecules can be squeezed to ____ % of their volume
because _____
2. Liquid: molecules can be squeezed to ____ % of their volume
because _____
3. Solid: molecule can be squeezed to ____ % of their volume
because _____
4. Which will change most? _____ Least: _____

Data

Pressure (number of books)	Gas Vol (cm ³)	Liquid Vol (cm ³)	Solid Vol (cm ³)
0			
1			
2			
3			
4			