

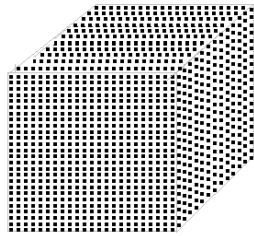
Density and Pressure Notes

Name _____

Date _____

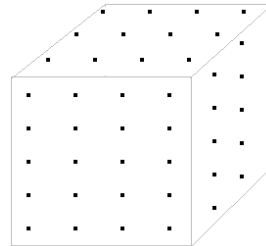
Period _____

- Objects that are the same size could have very different _____.
- All materials are made of small particles called _____.
- In some materials, molecules are closely packed, while in others, molecules are more spread apart.
- _____ describes how closely packed the molecules of an object are.



Metal Block

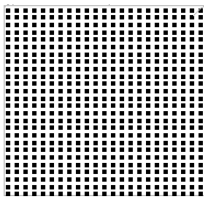
_____ Density



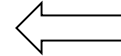
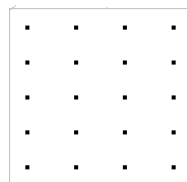
Styrofoam Block

_____ Density

- We know that air has _____, which means that air is also made up of _____.
- Air molecules are spread _____ compared to molecules in a solid, like metal.
- The air in our atmosphere stretches up for over _____ and weighs about as much as a _____.
- It doesn't crush you because it is _____.
- This pushing of air is called _____.



Air at _____
density also has
_____ pressure.



Air at _____
density also has
_____ pressure.

How are pressure and density related?

How would heat influence these?