|  |  |
| --- | --- |
| If particles are packed closely together so they cannot move around they form........ | Which state of matter contains particles that are far apart? |
| Gases Liquids Solids | Gases Liquids Solids |
|  |  |
| What is made up of particles that are packed closely together, but can move over and around each other? | Which word is spelled correctly to describe tiny pieces of matter? |
| Gases Liquids Solids | Particals Particles Particels |
|  |  |
| Which state of matter can be easily compressed? | When you heat a solid it...... |
| Gases Liquids Solids | Freezes Contracts Expands |

|  |  |
| --- | --- |
| When you cool down a solid it.... | What is this? |
| Expands Contracts Melts | Diffusion Melting Freezing |
|  |  |
| Density = mass divided by ?????? | When a solid changes to a liquid it..... |
| Size Volume Temperature | Boils Condenses Melts |
|  |  |
| When a liquid changes to a gas it..... | When a gas changes to a liquid it..... |
| Freezes Evaporates Condenses | Condenses Melts Freezes |

|  |  |
| --- | --- |
| When a liquid changes to a solid it..... | If a material changes from a solid to a gas it... |
| Condenses Melts Freezes | Condenses Melts Sublimes |
|  |  |
| This random movement of particles is called:  http://images.tutorvista.com/content/matter/brownian-motion.jpeg | Which of the following is solid at room temperature? |
| Brownian Greenian Diffusian  Motion motion motion | Iron Water Oxygen |
|  |  |
| It has a fixed shape and size. | Helium is a... |
| Gas Liquid Solid | Gas Liquid Solid |

|  |  |
| --- | --- |
| It flows from one  container to another. | Mercury is a... |
| Gas Liquid Solid | Gas Liquid Solid |
|  |  |
| The following picture represents particles in...  http://chemstuff.files.wordpress.com/2012/06/image137.jpg | It fills any container  you put it in. |
| Gas Liquid Solid | Gas Liquid Solid |
|  |  |
| The following picture represents particles in...  Particles in gases | The following picture represents particles in...  http://clifford4a.weebly.com/uploads/4/8/9/9/4899065/_2515509_orig.jpg |
| Gas Liquid Solid | Gas Liquid Solid |

|  |  |
| --- | --- |
| When a balloon is squashed the air particles...  https://encrypted-tbn2.gstatic.com/images?q=tbn:ANd9GcTUcYcXcW4Y8BgtgcSf-lAZRETFQx-E98iCVNt_-Ntyci3qzepL | These materials have the lowest density |
| Get move join  smaller closer up | Gases Liquids Solids |
|  |  |
| How does a smell travel?  http://graphics8.nytimes.com/images/2008/08/04/science/05angier02_600.jpg | When particles are heated they move... |
| Diffusion evaporation dissolving | Slower faster same  speed |
|  |  |
| Ice is a.... | Boiling point of water is... |
| Gas Liquid Solid | 10°C 90°C 100°C |