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Physical Properties

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| **Across****1.** The physical forms that matter can take; solid, liquid, gas, or plasma.**6.** These elements are Poor Conductors of heat and electricity, dull, Brittle solids, Most are gases at room temperature, Low density, Low melting point, Not malleable, and Not ductile.**7.** These elements are Malleable, Ductile, Luster, High Density, Good Conductors of heat and electricity, High melting point, and hardness.**8.** The amount of matter in a given space or volume, a relationship between mass and volume.**10.** A property that describes if heat or electrical charges pass through material easily. Its also one of the most reliable test in sorting materials.**12.** Likely to break, snap, or crack when subjected to pressure.**13.** Those characteristics that can be observed without changing the identity of the substance such as size, shape, luster, conductivity, malleabilty, and magnetic attraction. | **Down****2.** These elements can be shiny or dull, conductivity of heat and electricity are better than nonmetals but not as good as metals. Solid at room temperature. Ductile, and Malleable.**3.** The ability of one substance to be dissolved into another.**4.** A property that describes if the material is magnetic.**5.** A property that describes the ability of the material to be rolled or hammered into thin sheets.**9.** A property that describes if the material has the ability to be pulled into thin wire without breaking.**11.** The way the surface of a mineral reflects light; either metallic or non-metallic such as silky, dull, glassy, or resinous. |