Particle Theory Of Matter

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| **Across**  **2.** A substance ordinarily a liquid which other materials dissolve to form a solution.  **5.** matter consists of many small particles which are constantly moving or in a continual state of motion.  **10.** When heat or electricity is directly transmitted through a substance.  **14.** the intensity of heat present in a substance or object and shown by a thermometer or perceived by touch.  **15.** When a substance is made by mixing other substances together.  **17.** energy that comes from a source and travels through space and may break materials.  **18.** a solution capable of absorbing or dissolving more of a solute  **19.** the same or a similar kinds or nature. | **Down**  **1.** a liquid mixture which the minor component is distributed with the major component  **3.** the amount of a component in a given area or volume.  **4.** a mixture whose components are separable by mechanical means or from a chemical compound. Solution  **6.** contained or existing or happening together in a small or narrow space or area.  **7.**  dissimilar or diverse ingredients or constituents.  **8.** a solution that is unable to absorb or dissolve any more of a solute.  **9.** a form of matter that has a constant properties that are constant throughout the sample.  **11.** movement in a fluid when hot causes dense material to rise, and colder denser material to sink which results in transfer of heat.  **12.** the minor component in a solution that dissolves in the solvent.  **13.** he form of energy that's transferred between systems or objects with different temperatures.  **16.** to make a solution thinner or more liquid by admixture. |