Matter Crossword Puzzle

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| **Across****2.** When a solid turns into a gas**7.** Particles collide very often**10.** Features of all matter that can be observed and measured without changing the chemical composition of the substance.**11.** The amount of mass in something.**12.** Matter that can vary in composition**13.** The amount of matter in an object.**15.** The amount of mass per unit of volume. **16.** Particles are very close together. **17.** Has definite volume but no definite shape. **19.** The property of a substance that is observed during a chemical change. **20.** A type of mixture in which the substances are not evenly mixed | **Down****1.** Matter cannot be created or destroyed however matter can change forms, says this law. **3.** The transfer of thermal energy through particles of matter that are in direct contact. **4.** A type of mixture in which the substances are evenly mixed.**5.** capable of being attracted by or acquiring the properties of a magnet**6.** The transfer of thermal energy by electromagnetic waves.**8.** Something that can flow freely and mix together easily.**9.** The amount of space something takes up.**14.** The transfer of thermal energy by the motion of fluids. **18.** A mixture of hot ions and electrons |