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Science homework

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| **Across**  **4.** how much space something takes up  **6.** the classification of matter as a solid, liquid or gas.  **7.** a state of matter that has a definite volume and takes on its shape of its container  **9.** measurable characteristics that describe the physical state of something including mass, magnetism, temperature, density, shape, volume, and conductivity  **10.** a state of matter that has a definite shape and volume; maintains its shape  **11.** anything that takes up space  **12.** the amount of matter in something; measured in grams  **14.** material that allows heat or electrical energy to easily flow through it | **Down**  **1.** the property of attraction to a magnet  **2.** energy that can be measured by a thermometer  **3.** how dense something is compared with a reference material  **5.** measurement of ability of a solid to dissolve in a liquid  **8.** a state of matter that does not have a definite shape; expands into open spaces  **13.** material through which heat or electricity does not easily flow |

   matter       mass       insulator       relative density        magnetism        volume        physical state       thermal energy        solubility        conductor       physical properties        solid        liquid        gas