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Atoms and elements Cross word

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| **Across**  **3.** A particle in the nucleus that is positively charged  **7.** one of a hundred or so pure substances that cannot be broken down into simpler substances  **9.** The arrangement of elements on a table based on their atomic number  **10.** The average of the masses the neutrally occurring isotopes in element  **11.** Particles, like protons, neutrons, and electrons that are smaller than atoms | **Down**  **1.** The number of protons in an element  **2.** Regions inside the Atom where electrons are likely to be found. This model developed by Schrodinger, is called Quantum Theory  **4.** A column on the periodic table, also called a family containing elements with the same number of Valence electrons  **5.** A tiny, dense positively charged region in the center of an Atom  **6.** A particle in the nucleus with a neutral, or no charge  **8.** The negatively charged particle in the electron cloud. |