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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. |