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Atoms

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| **Across****3.** The number of protons equal the \_\_\_\_\_\_\_\_\_?**6.** What is the negative particle in an atom?**7.** Atomic mass unit (amu) is used to measure the \_\_\_\_\_\_ of particles in atoms.**8.** More electrons than protons in an atom make it \_\_\_\_\_\_\_\_\_\_\_\_\_\_.**11.** What is the center of an atom called?**12.** The Electrons are in the \_\_\_\_\_\_.**13.** If protons and electrons are not \_\_\_\_\_\_ in an atom it is an Ion. | **Down****1.** Protons and neutrons have a mass of \_\_\_\_\_\_ amu.**2.** Each element is made of \_\_\_\_\_ atoms.**4.** The positive particle in an atom?**5.** The sum of protons and neutrons in an atom?**9.** Do 2 positives attract or repel each other?**10.** What is the neutral particle of an atom? |

   Proton       Neutron       Electron       Nucleus       Electron cloud       Mass       One       Equal       Negative       Different       Repel       Atomic Number       Mass number