Contract 3

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| **Across****1.** Smaller particles that make up protons and neutrons **4.** Model which shows electrons traveling around the particles**9.** Composed mostly of protons and neutrons in the nucleus **11.** Factor that doesn't vary in an experiment**12.** Positively charged proton of an atom**14.** Negitivly charged part of an atom**15.** Atoms of 2+ elements combined | **Down****2.** The amount of space occupied by an object**3.** Located in the center of an atom**5.** The number of protons in an atom also identifies the element**6.** Smallest piece of matter but still has the properties of an element**7.** Anything with mass and takes up space**8.** Substance made up of atoms with the same identity**10.** Atoms of the same element that have different numbers of atoms which gives them different properties **13.** Neutral particle of an atom |