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Atomic Theory

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| **Across**  **2.** Model that describes the electronic structure of the atom as the probablity of finding electrons within certain regions of space  **7.** Discovered the nucleus  **8.** Father of Chemistry  **9.** Stated that you can only know the velocity or the position of an electron at one time, but not both  **10.** Who said atoms are tiny particles with no internal structure  **11.** Discovered the electron  **12.** Discovered radioactivity; father of photography | **Down**  **1.** What was J. J. Thomson's atomic model called  **3.** Said atom has a small positively charged nucleus, electrons travel in a circular orbit around the nucleus  **4.** Discovered the neutron  **5.** Greek Philosoper; atom is indestructible  **6.** Work lead to the electron cloud model by stating electrons move in a wave-like pattern |