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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 |