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Gas Laws Vocabulary

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| **Across**  **4.** the SI unit for the amount of a substance  **6.** standard temperature and pressure  **8.** instrument used to measure atmospheric pressure  **9.** the pressure of a gas and the kelvin temperature are directly proportional  **11.** 22.4 L  **12.** the spontaneous spreading of a substance | **Down**  **1.** instrument used to measure the pressure of an enclosed gas  **2.** caused by the molecules of the gas striking the walls of the container  **3.** combines Boyles, Charles, and Lussacs Laws  **5.** volume and pressure are inversely proportional  **7.** it has never been this cold = zero K  **10.** collisions between molecules |

   absolute zero       mole       diffusion       molar volume at STP       Lussacs Law       Combined Gas Law       Boyles Law       STP       pressure       elastic       barometer       manometer