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How Many Lemons Are Needed to Light Up An LED?

The purpose for my experiment is to show how fruit actually has chemicals within them like a battery. Using this information, scientists could extract the chemicals from the lemons until they could gather together great amounts to have more power since the world is in economical crisis. My procedures were I first roll out the lemons so the citric acids in the lemons get activated. Second, I will cut two lines with a knife for the copper and zinc electrodes to be established. Then, I will measure the voltage with the Multimeter until the desired voltage has been established by repeating the above steps and connecting them in a circuit. Finally, I will repeat this process for the three trials. My data explains how my work was done and successfully proved my hypothesis correct. My graphs explain the voltages I got and how many times I tried my experiment and when I was successful to prove it. My conclusion was that the lemons reacted to the energy transfer to the LED. My hypothesis was correct. The research I did was interesting, how lemons have chemicals like in a battery that cause a chemical reaction to an electric cell that turn the LED on. The research I did helped me understand how energy reactions and transfers work in chemical reactions. The energy transfer caused the ions in the LED to spark up and work.