

Hypothesis

When the Mentos meet the Diet Coke, the Mentos will start to dissolve, releasing Carbon Dioxide (CO_2). When the CO_2 from the Mentos meets the CO_2 from the Diet Coke, pressure builds and releases, carrying Diet Coke out of the bottle. So, the more Mentos, the higher the fountain should go.

Purpose of Experiment

To test whether adding more Mentos to the Diet Coke will make the fountain go higher.