Name: Date:

Science 8 -\_\_\_ Lab

Penny Lab

Purpose: to see if a penny will hold more Gatorade than water drops.

Background Research:

Water is a unique substance found in the liquid form on Earth. It is composed of two hydrogen atoms and one oxygen atom. The oxygen atom is more negative and the hydrogen is more positive resulting in a polar bond between molecules which causes ……

Hypothesis: I believe the water will result in more drops because the salts in Gatorade will …

Materials:

* Penny
* Water
* …

Procedure:

1. fill dropper

2. …

Data:

|  |  |  |
| --- | --- | --- |
| trial | Water (control) | Experimental |
| 1 |  |  |
| 2 |  |  |
| 3 |  |  |
| average |  |  |

Analysis:

The above graph shows that the penny holds more water than Gatorade.

Conclusion:

I was able to support my hypothesis with this experiment. On average a penny can hold 1.8 more drops of water than Gatorade. I learned that adding substances to water can affect … Variable that I could not control included the size of the drop, …