

Discussion:

1. What is the independent variable in this experiment? _____
2. What is the dependent variable in this experiment? _____
3. Identify two constants in this experiment: _____
4. Explain why there is no control group in this experiment: _____

5. What are the experimental groups in this experiment? _____
6. On average, which side of the penny could hold more drops of water? Why? _____

7. Compare your average data on how much water a penny can hold to your prediction. Be sure to state the difference between the actual data and your prediction and if it held more or less drops of water.

8. Describe what the water looked like when it collected on the penny (before water bubble burst).

9. How many drops do you think the heads side of a quarter would hold? What about the tails side? Explain why.

