

Name: \_\_\_\_\_

# Water Drop Record Sheet

How many drops of water will fit on the surface of a penny without overflowing?

Trial (with eyedropper one inch above tails side of penny)	Prediction	Actual Result	Difference (between the prediction and actual result)
1			
2			
3			

Find the average of your results using this formula.

$$\left( \frac{\text{Trial 1} + \text{Trial 2} + \text{Trial 3}}{3} \right) \div 3 = \text{Average}$$

Repeat the experiment with the following variables. How did your results change?

Trial	Result
With the penny heads up	
With the eyedropper three inches above the penny	
With ice water	

Observations: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_