

PENNY DROP LAB

EXPERIMENTAL QUESTION: Which side of a penny will hold more water?

MATERIALS: Penny, dropper bottle with water, paper towel

PROCEDURE:

1. Observe penny then place on paper towel on flat surface.
2. Fill in your prediction/hypothesis.
3. Drop water on the HEADS side of the penny and COUNT the number of drops.
Be sure to hold the eyedropper straight up and down.
4. Record number of drop as Trial 1 in data chart.
5. Dry penny and repeat steps 1-4 FOUR MORE TIMES. Average your results.
6. Repeat steps 1-5 for the TAILS side of the penny.
7. Fill in the graph (use a bar graph) on the back.

PREDICTION/HYPOTHESIS (answer the experimental question and give a reason):

I think the _____ side of the penny will hold more water than the _____ side of the coin because _____

DATA:

TRIAL NUMBER	NUMBER OF DROPS	
	HEADS	TAILS
1		
2		
3		
4		
5		
AVERAGE avg. = $\frac{\text{add all trials}}{\text{number of trials}}$		

