

Name: _____ Date: _____ Period: _____ Page:

Coin Density Lab

Objective-

Research

What is density?

*

*

*

To measure mass and volume

To measure mass

To measure volume

Of a liquid-

Of a irregular solid-

Of a regular solid-

Calculating Density

Procedure

1. Find the masses of one, five, and ten pennies.
2. Find the mass of five dimes.
3. Find the volume of each of the above using water displacement.
4. Calculate the densities of the coins.
5. ***LABEL YOUR DATA with UNITS!***

Coins	Mass ()	Volume ()	Density ()
1 penny			
5 pennies			
10 pennies			
5 dimes			

Conclusions

Should the density of one penny be different than the densities of five or ten pennies?

Why or why not?