

Name _____ Date _____ Period _____

Exploring the Density of Liquids

Remember that: Density = Mass / Volume

Liquid	Trial	Mass (g) of Container + Liquid	Mass of Container	Mass (g) of liquid	Volume (cm ³)	Density (g/cm ³)	Average Density
	1						
	2						
	3						
	1						
	2						
	3						
	1						
	2						
	3						

Directions: When you have completed your data collection – answer the following questions.

1. The yellow liquid from last week is actually Liquid A and the blue liquid is liquid B. Can you explain their behavior using the data you gathered?

2. Liquid C is new. If liquid C were dyed Red and combined with the setup from last week, what do you predict the graduated cylinder would look like? Why?