

LIQUID DENSITY LAB

Name: _____

Date: _____

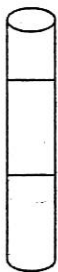
Period: _____

- I. Ask a Question: What liquid is the densest?
- II. Form a Hypothesis: Make an educated guess, state it here.

III. Test the hypothesis: Follow the procedures below.

1. Check for 6 test tubes labeled A,B,C,D,E,F. A is red, B is green, C is colorless, D is yellow, E is orange, F is blue.
2. Using a straw as a pipette, add approximately 2 ml of colored liquid to the small test using the siphon method demonstrated by the instructor.
3. Carefully add approximately 2 ml of a second color to the bottom of the small test tube using the siphon method, TRY NOT TO MIX THE LIQUIDS
4. Color in the test tubes below to indicate which liquid was denser.

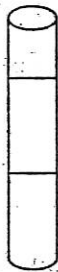
A+B



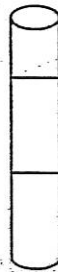
A+C



A+D



A+E



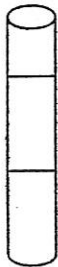
A+F



B+C



B+D



B+E



B+F



C+D



C+E



C+F

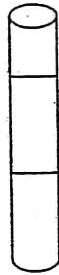


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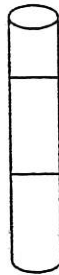
D+E



D+F



E+F



III. Analyze Data: Answer the following questions in the table below. Indicate the correct letter and color in the correct column by listing them from most dense to least dense.

Test Tube	Color of Liquid	Density
		Least dense
		2nd
		3rd
		4th
		5th
		Most dense

IV. Draw Conclusions: Answer the following questions with complete sentences.

1. What are 2 things you can learn or practice from doing this lab?

2. The liquids were all salt water, which liquid had the most salt? Why?

4. What would happen if you did not use the pipette correctly?
