

Diving Deeper into Density

Density (by the book!):

Density (by me!):

The formula to calculate density:

The principles of DENSITY:

What the Principle Says	What the Principle Means	How I know the Principle is True

Density Columns

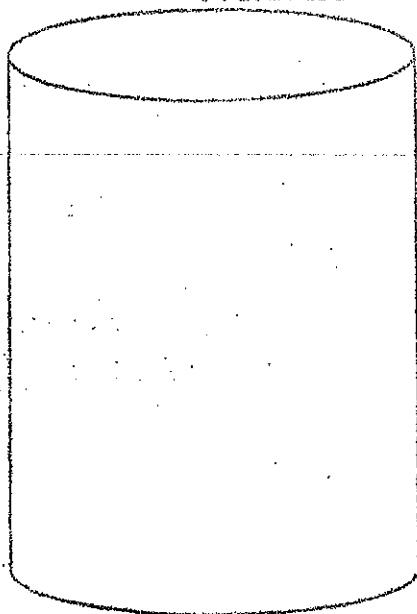
Materials: Maple syrup
Vegetable oil

Colored Water
Rubbing alcohol

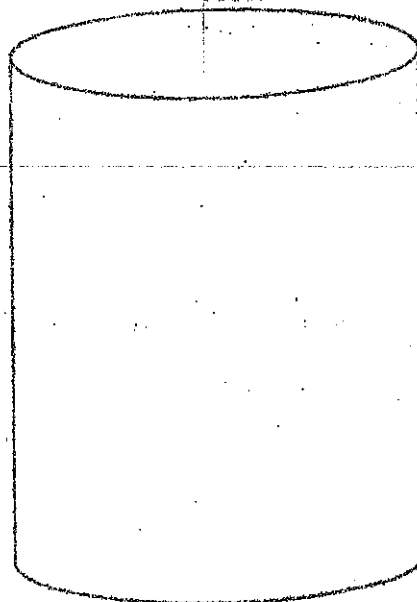
Procedure: The same volume of each material will be placed in the test tube.

1. Predict the order that you think the liquids will stack.
2. Why do you think that they will stack in this order?

Predicted



Actual



4. Why did it stack this way?

Try your own!

From the chart, determine how the following liquids would stack in a test tube. Draw and label.

Sea water	1.03 g/ml
Gasoline	0.7 g/ml
Turpentine	0.9 g/ml
Glycerine	1.3 g/ml
Pure water	1.0 g/ml

