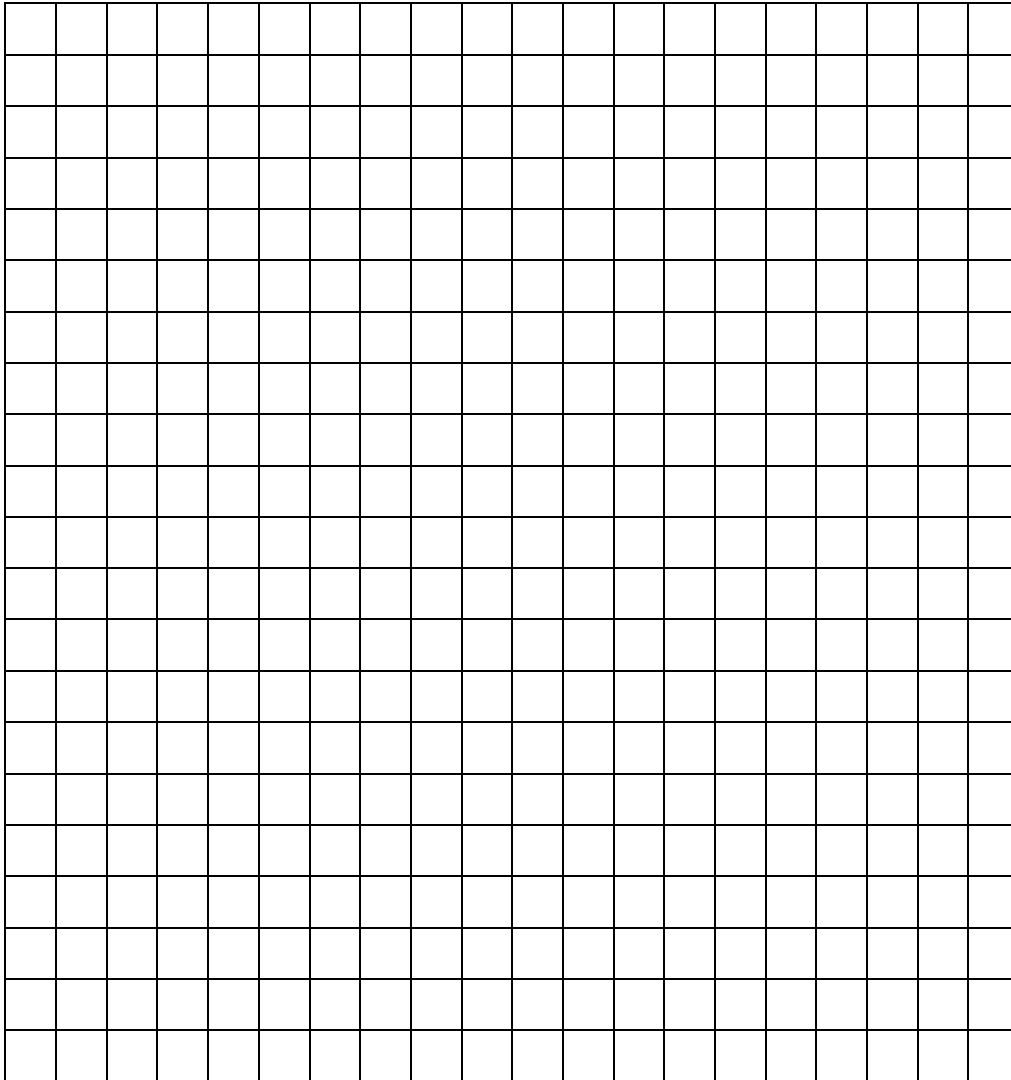


Name \_\_\_\_\_ Date \_\_\_\_\_ Period \_\_\_\_\_

### Liquids Lab Continued

**Directions:** Graph all three liquids' mass and volumes that you measured. You should have 9 points on the graph. Connect the masses and volumes for each liquid with three different colored lines. Label "Mass" on the y-axis and "Volume" on the x-axis.



- 1) What is the slope for all 3 lines? How do the slopes compare to the density?
- 2) If you had 100 grams of each sample, what would be the volume of each?
- 3) Do you think any of the samples are water? Explain your reasoning.