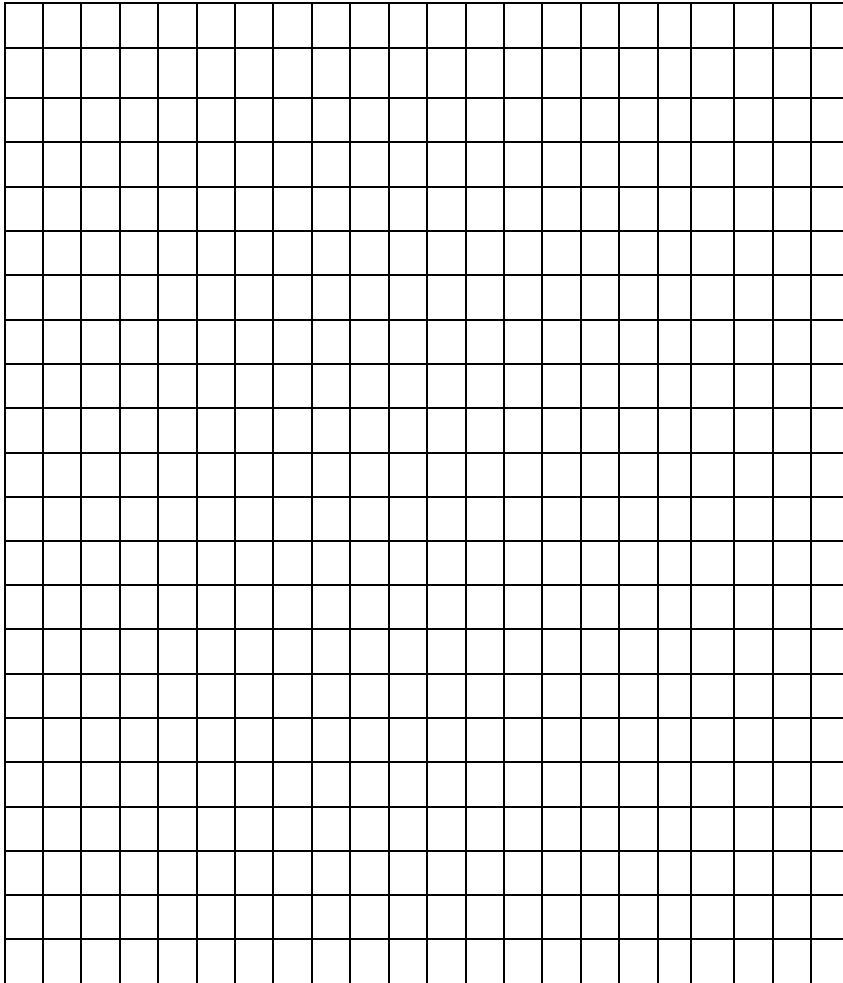# Graphing Review

1-20 Using the following chart of an unknown liquid, make a graph. Consider volume as the independent variable. Be sure to include axis labels, a title, even divisions, and straight lines.

Volume of liquid in mL	Mass of liquid in g
20	18
100	90
75	67.5
40	36
10	9

21. As mass increases, what happens to the volume? INCREASES

22. As volume increases, what happens to the mass? INCREASES

23. While looking at your graph, estimate how many grams 80 mL would come out to. 72g
24. How many grams would 50 mL come out to? 45g
25. How many grams would 60 mL come out to? 54g
26. What volume would 36g occupy? 40mL
27. What volume would 81g occupy? 90mL
28. What volume would 72g occupy? 80mL
29. What is the density of the liquid? (Show ALL work) 90/100 = .9 g/mL
30. Is this more or less dense than water, (which is 1 gram per ml)? LESS DENSE