

Concentration in g of solute per L of solution.

$$\text{Concentration} = \text{g/L}$$

1. What is the concentration in g/L of a solution made by placing 25 g of solute into a 750 mL volumetric and adding water to the line?
2. A solution of concentration 5 g/L was made by adding 0.25 g to a certain volumetric.
What was the size of the volumetric?
3. If a teacher wanted her student to make 400 mL of a 6.5 g/L solution what would the student do in the lab?

Math and English!!
4. What would be the concentration of a solution made by adding 1.2 g of solute to a 250 mL volumetric?
5. What size would a volumetric have to be to make a solution with concentration 10.0 g/L using 2 g of solute?
6. 50.0 mL of a 4.5 g/L solution contains how many grams of solute?