

Deeper concentration required!!!

2. What is the molarity of a solution in which 90.0 g of glucose are dissolved in enough water to make 250. mL of solution?

3. How would you make 500. mL of 1.00 M solution of H_2SO_4 ?

4. If 10.0 g NaOH is dissolved to make 250. mL of solution, will the molarity be 1.00M?

5. How many grams of aluminum sulfate are needed to make one liter of one molar solution?

6. What volume of 0.50 M HCl contains 0.25 moles of HCl?

Answers: 8) 2.00 M 9) 49 g of sulfuric acid and enough water to make 500 mL of solution 10) yes 11) 342 g 12) 0.50 L