Chemistry 100   Name_____
                              Worksheet 8

1.   What is the molarity of a solution made by adding 456 grams of KBr to
        enough water to make 789 ml of total solution?

Answer_____
2.   How many grams of KCl are needed to make 1,500 ml of a solution that is
        0.45 M?

Answer_____
3.   How many grams of solute are needed to make a 1.24 M solution of
        $C_{12}H_{22}O_{11}$ (molar mass = 342 g/ mol) that has a volume of 500 ml?

Answer_____
4.   What is the molar concentration of a solution made by adding 36 grams of
        AgNO3 (molar mass = 169.87 g/mol) in 250 ml of solution?

Answer_____
5.   What volume of .55 M solution (in ml) can be made with 125 grams of
        $AgNO_3$?

Answer_____

6.   How many liters of 1.67 M solution can be made with 1475 grams of sucrose?

Answer_____