Molarity – Ch. 13
(p.412-415)

Solve the following molarity problems. Show all work and include correct units and sig figs!

1. Find the molarity of a solution in which 58 g of NaCl are dissolved in 2.5 L of solution.

2. How many grams of $KMnO_4$ should be used to prepare 2.00 L of a 0.500M solution?

3. What volume of 0.25M solution can be made from 5.0 g of KCl?

4. Find the molarity of a 450 mL solution containing 13.7 g of $ZnSO_4$.

5. How many grams of $CuCl_2$ are required to make 75 mL of a 0.20M solution?