Critical Item #6

NAME _____

10.0 mL of 1.5 M NaOH is diluted to obtain 150 mL of solution. What is the concentration of the resultant solution?

ANS _____ M

Critical Item #6

NAME _____

A 0.100 M solution was created by diluting 15 mL of a solution to 200 mL. What was the molarity of the starting solution?

ANS _____M

Critical Item #6

NAME _____

How many milliliters of 11.0 M HCl are required to make up 1.00 L of 0.15 M HCl solution?

ANS _____ mL

Critical Item #6

NAME _____

How many (the maximum amount) milliliters of 1.0 M HCl may be made from 15 mL of 5.5 M HCl solution?

ANS _____ mL

Critical Item #6

NAME _____

How many (the maximum amount) milliliters of 0.150 M NaCl may be made from 1.5 mL of 2.0 M NaCl solution?

ANS _____ mL

Critical Item #6

NAME _____

25.0 mL of 1.5 M KF is diluted to obtain 500 mL of solution. What is the concentration of the resultant solution?

ANS _____M