**Dilutions Practice Fun!**

1) If I add 500 mL of water to 300 mL of 0.5 M NaOH, what will be the concentration of the resulting solution?

2) I have 1.2 liters of a 1.25 M NaBr solution. If I add an additional 2.5 L of water to this solution, what will be the concentration of the resulting solution?

3) I have 1.50 L of a 1.10 M NaCl solution. If I add water until the final concentration of the solution is 0.50 M, how much water will need to be added?

4) I have a bottle containing 450 mL of 0.50 M CaCl2. If I add 900 mL of water to this solution, what will its new concentration be?