

## Dilutions Worksheet

- 1) If I have 340 mL of a 0.5 M NaBr solution, what will the concentration be if I add 560 mL more water to it?
  
  
  
  
  
  
  
  
  
  
- 2) If I dilute 250 mL of 0.10 M lithium acetate solution to a volume of 750 mL, what will the concentration of this solution be?
  
  
  
  
  
  
  
  
  
  
- 3) If I leave 750 mL of 0.50 M sodium chloride solution uncovered on a windowsill and 150 mL of the solvent evaporates, what will the new concentration of the sodium chloride solution be?
  
  
  
  
  
  
  
  
  
  
- 4) To what volume would I need to add water to the evaporated solution in problem 3 to get a solution with a concentration of 0.25 M?