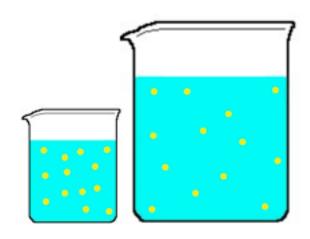
Pilution Calculations

Scientists often make a "stock" solution (a concentrated solution) from which they can dilute to make other solutions. Since they are only adding water, the number of moles doesn't change and so we can say:



Where:

ie) You want to make a 500 mL solution of 1.0 mol/L NaCl. You have a stock solution of 5.0 mol/L. How can you make it?

