

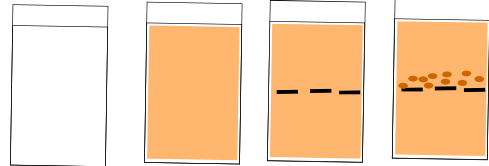
# Serial Dilutions to determine $LD_{50}$

Get 2 x  
3 inch  
jewelry  
bags

Cut piece  
of paper  
towel and  
insert  
into bag

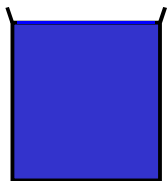
Staple  
across the  
bag such  
that there  
is space  
for roots  
to grow

Add 10 to  
15 seeds to  
each bag  
(use the  
same # of  
seeds for  
all trials)



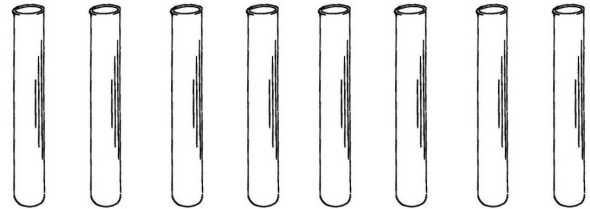
Make a 0.2-g/mL NaCl STOCK solution

- Add 2 g of sodium chloride to beaker and add water to 10 mL

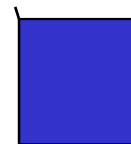
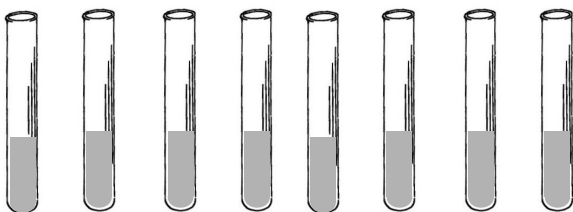


0.2 g/mL NaCl  
Stock Solution

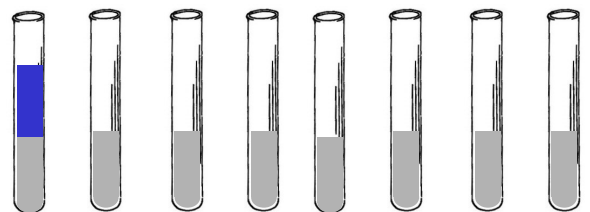
Get as many test tubes (+ 1 controls  
and 1 full strength salt solution) as  
you have plastic jewelry bags for  
your experiment

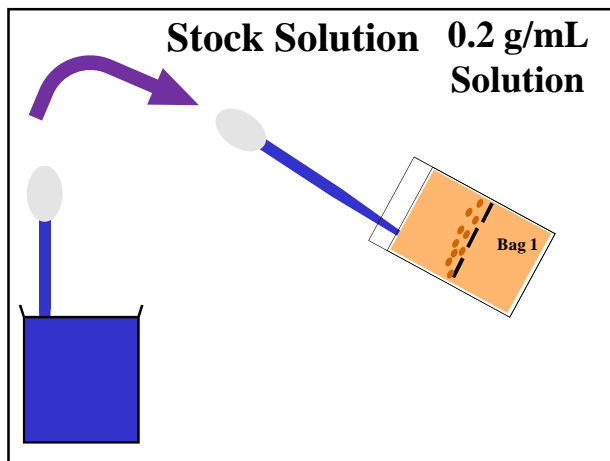
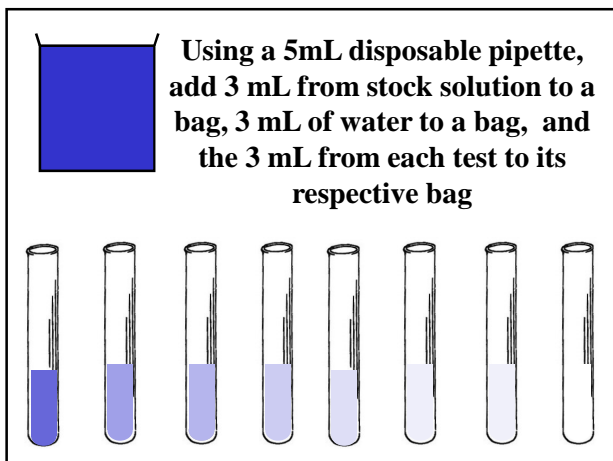
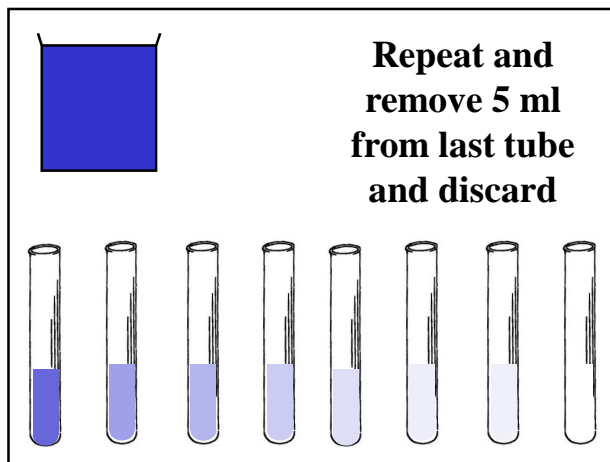
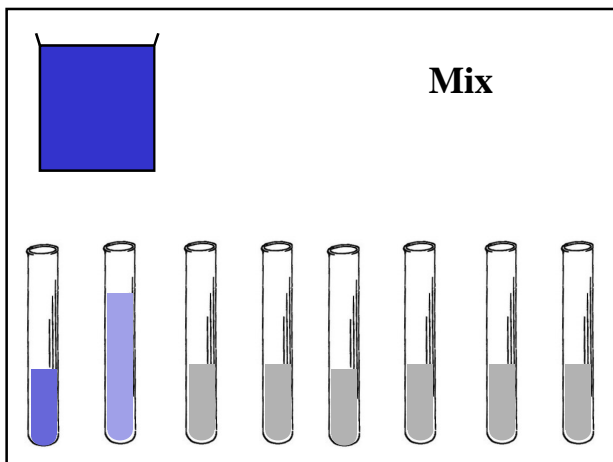
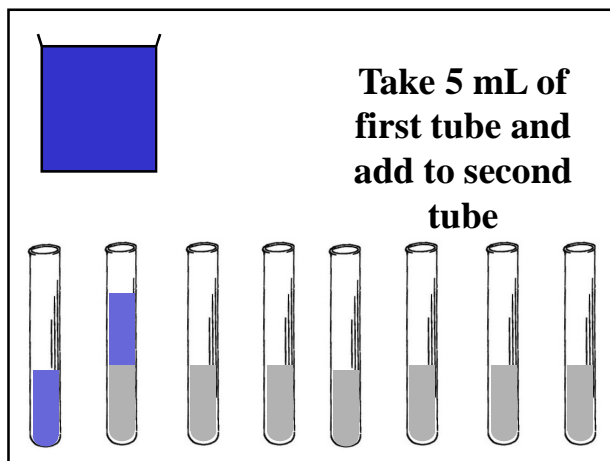
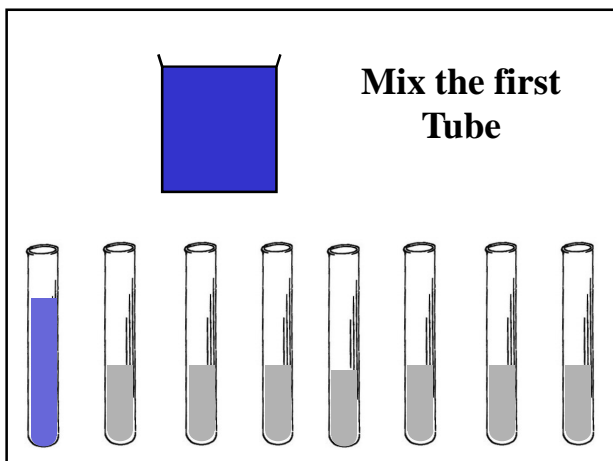


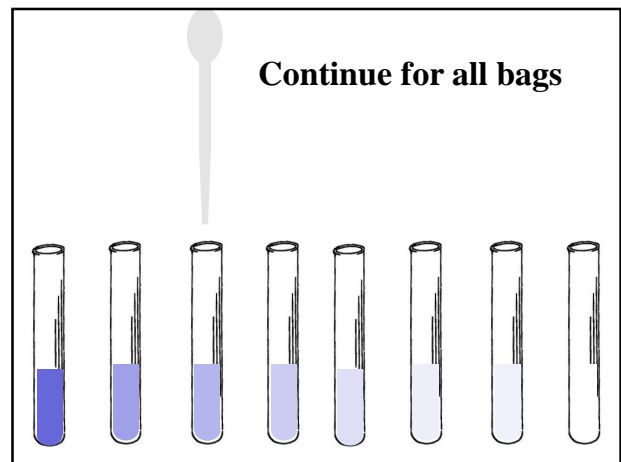
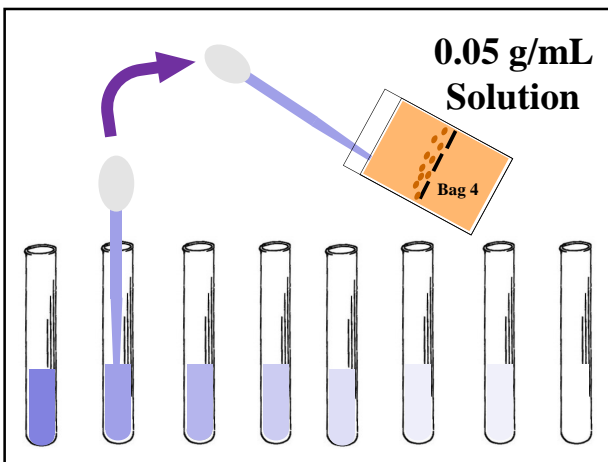
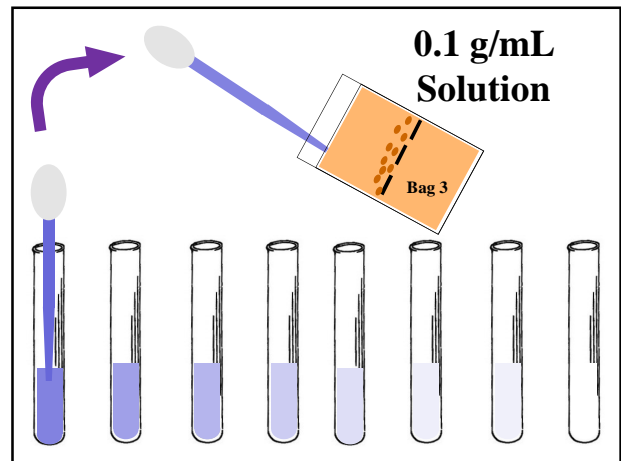
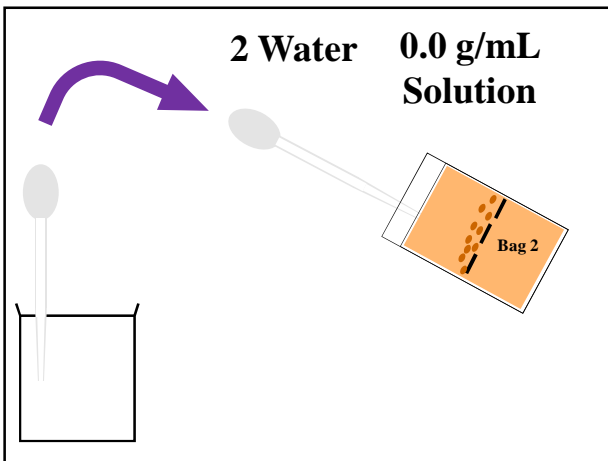
Add 5 mL of water to  
each of you test tubes



Add 5 mL of  
Stock Solution to  
first test tube.







- Clean out stock solution beaker
- Put all the bags upright in the beaker.
- Take a piece of tape and label your beaker with your names.
- Place your beaker in the box.
- Mr. K will put in dark area for one about one week.

