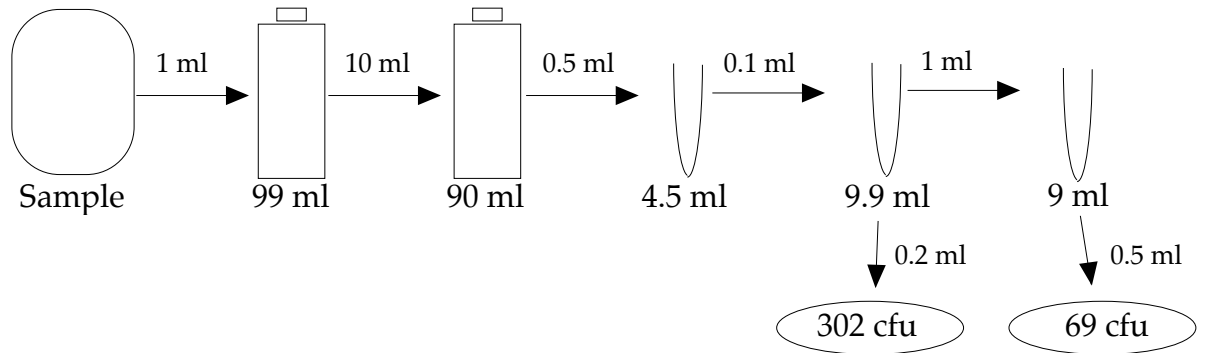
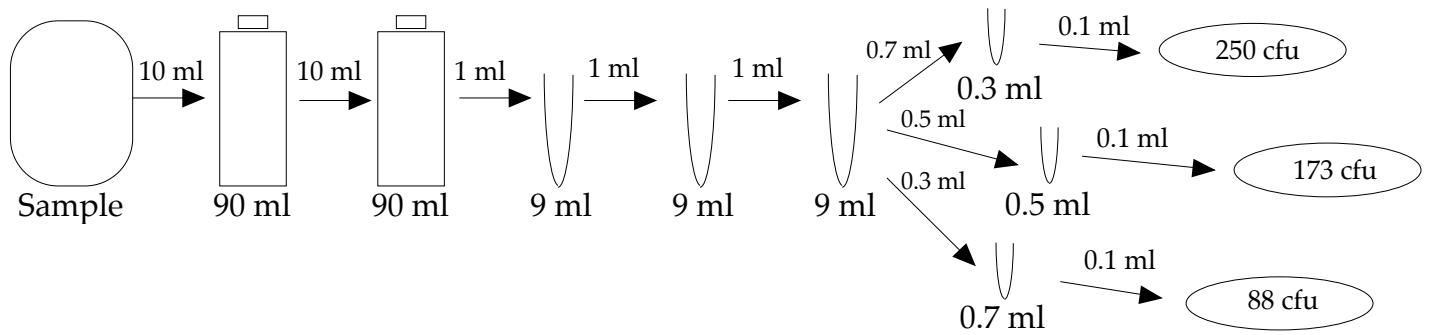


Dilution Problems via Diagrams

1. Calculate the concentration of cells in the starting sample (show your work and dilutions).



2. Calculate the number of cells in the sample from each of the three plates (show your work and dilutions)



3. Calculate the number of colonies that would be on the plates using the given dilution scheme (show your work and dilutions).

