Ben Weeks

Genetics BIO208 - Microbiology Problems

Prof. Paul Kasili

Due: 1/28/2013

1. The dilution from the original to Flask A is 1:100.
2. The dilution from Flask A to Flask B is 1:100.
3. The dilution from the original to Flask B is 1:10000.
4. The dilution from Flask B to Flask C is 1:100.
5. The dilution from the original to Flask C is 1:1000000.
6. The dilution on Plate D is 1:10000
7. The dilution on Plate C is 1:1000000
8. If 13 colonies grew on Plate A, then it can be inferred that there were 1300000 CFUs in the original.
9. If 175 colonies grew on plate C, then it can be inferred that there were 175000000 CFUs in the original.