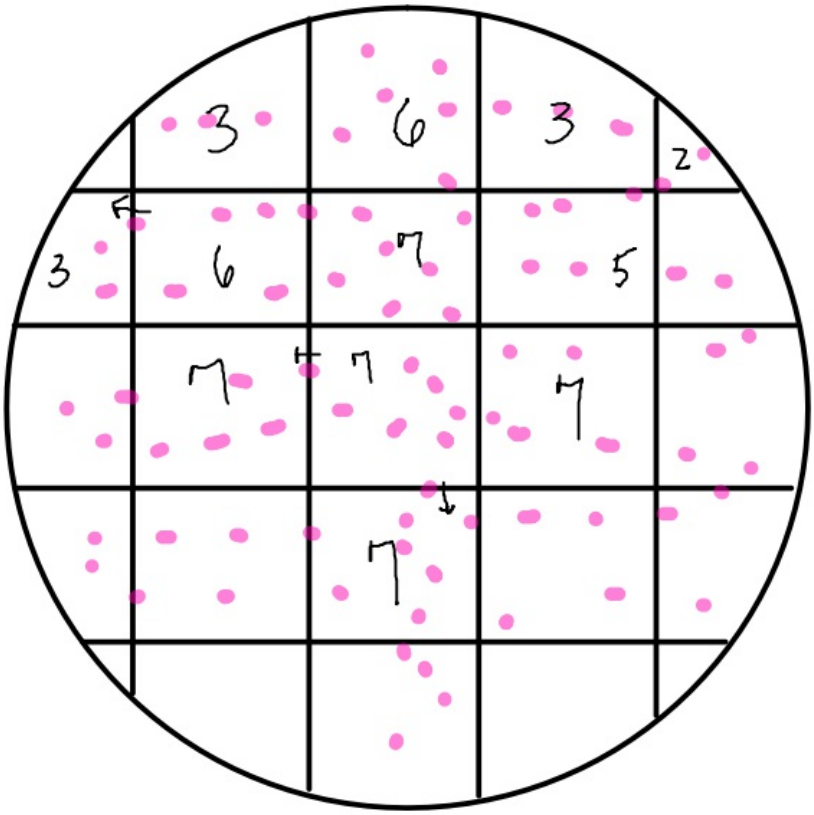

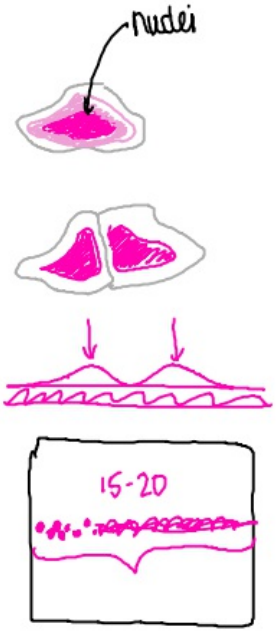

	tube #1	tube #2	tube #3	tube #4	tube #5
Cell conc.	1.5×10^{8} CFU/mL	1.5×10^{7}	1.5×10^{6}	1.5×10^{5}	1.5×10^{4}
# of col. on plate	150000				15
Colony Count	150000000				15000

You are evaluating 2 separate things →

(1) How close was your 0.5 McFarland?

(2) How well did you perform your serial dilutions?

AP Exams

5/2	5/3	5/4	5/5	5/6
Chem & Enviro Psych	Comp Sci Span. Art Hist. Physics	Eng Lit Japanese	Calc	US Hist German Euro
5/9	5/10	5/11	5/12	5/13
Bio Physics C	Gov't Span. Lit French	Eng 11 Italian	Comp. Gov't World Hist Stats	Human Geo. Latin

4/21/16

Identifying Bacteria

I. Gram Stain
   1. cell wall
   2. cell morphology

II. Air requirements
   1. aerobic
   2. anaerobic
   3. aerotolerant
   4. capnophile

III. Differential + Selective media + Enhancement
   A. Differential media – media that allows for the speciation of microbes based on their growth patterns
      1. Colony morphotype
      2. Colony coloration
      3. Changes to the media
         - hemolysis: alpha (green), Beta (clear), gamma (grey)
         - chrome agar: media developed to change color based on species.
   B. Selective media – media designed to allow for only certain types of bacteria to grow (inhibits some bacteria)
   C. Enhancement media – enhances the growth of the desired organism.