Biochem 1: Please write your name on both sides of this page.

Draw SDS

Draw ceremide. Indicate the lipophilic tail as a zigzag lines.

Show how the free energy of transport of Ca2+ into a cell changes if the concentration of Ca2+ outside the cell decreases from 10-3 to 10-4. Put the numbers into the appropriate equation, without doing the calculation. The free energy increases / decreases (circle one).

Sketch a micelle