**\*\* ONLY TEXT AND IMAGES APPEARING INSIDE THE RED BOXES WILL BE GRADED\*\***

1. Sketch a micelle, indicating polar head groups and lipophilic tails.

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| INSERT HERE |

1. Sketch a bilayer, indicating polar head groups and lipophilic tails.

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1. Sketch a vesicle, indicating polar head groups and lipophilic tails.

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1. Sketch a cell membrane and indicate qualitatively the inside and outside concentrations of Na+, K+, Ca2+ and Cl-.

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| INSERT HERE |