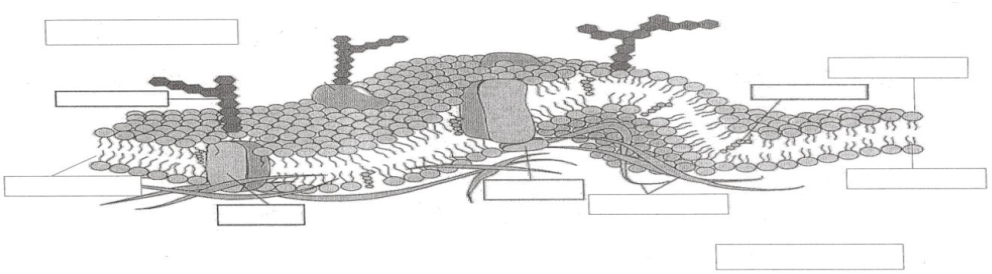
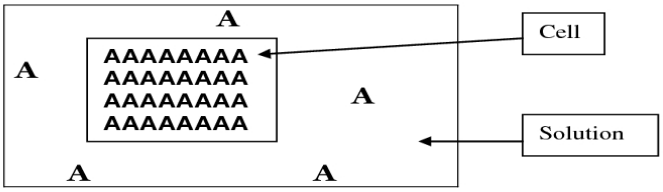
Cell Transport Worksheet

1. A cell was poisoned by a substance that destroyed all of its mitochondria. Circle all of the cell transport processes listed that would still be able to continue.
   a. Osmosis
   b. Diffusion
   c. Facilitated diffusion
   d. Exocytosis
   e. Pinocytosis
   f. Phagocytosis

2. On the diagram of the cell membrane: Label the following:
   a. Phospho- head
   b. Fatty acid tail
   c. Phospholipd molecule
   d. Cholesterol
   e. Integral protein
   f. Peripheral protein
   g. Cytoskeleton
   h. Carbohydrate chain
   i. Cytoplasm
   j. Extracellular fluid



3. (Use the diagram below)As diffusion occurs, what would happen (increase/decrease) to the concentration of substance A :
   a. Inside the plant cell _____
   b. Outside the plant cell _____



4. (In the diagram above)When would substance A stop diffusing?

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