7.(30 pts) According to your textbook, a *mitogen* is "a soluble substance, usually a protein, that induces mitosis in a resting population of cells, thereby causing the cells to resume proliferation." We haven't studied mitogens, *per se*, and you should answer the following questions extrapolating from material you have learned this term.

A. (12 pts) Present a hypothetical scheme to account for the action of a mitogen on cell proliferation, beginning from the effect of increased mitogen concentration in the extracellular space and ending with mitosis, and using appropriate diagrams