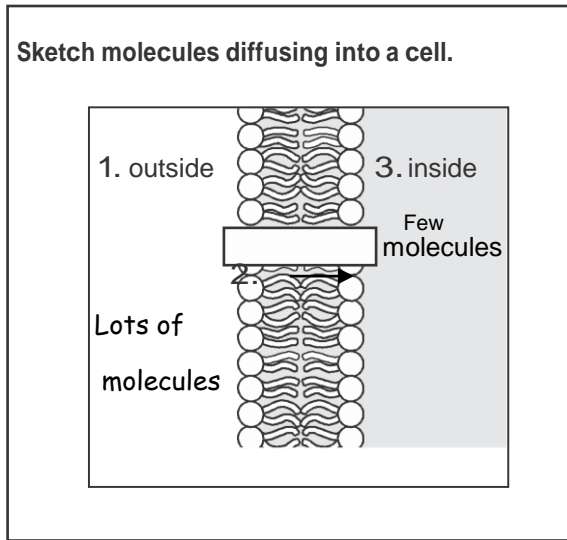


3.4 Power Notes

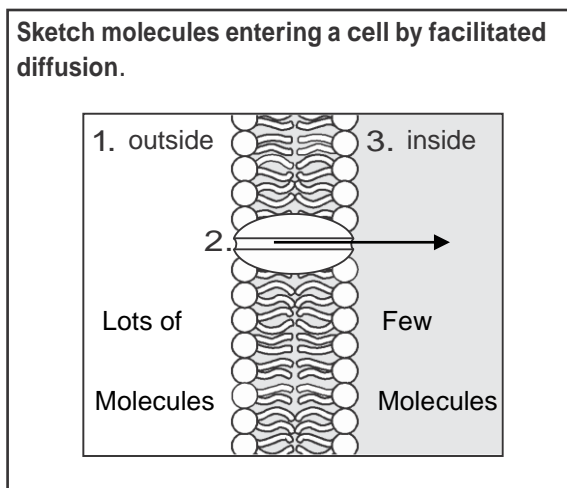
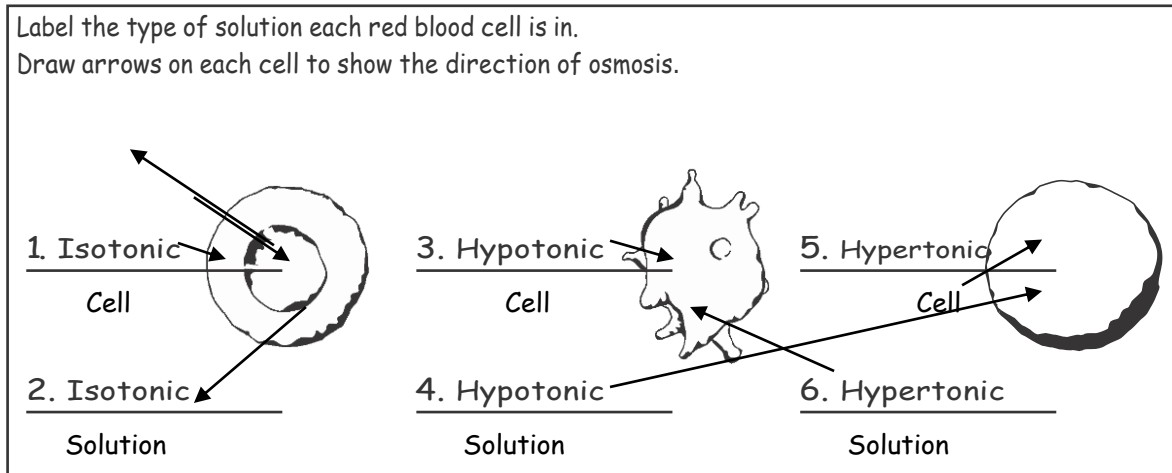


Passive transport:
the movement of molecules across a membrane without energy input from the cell

Diffusion:
movement of molecules from higher to lower concentration

Osmosis:
the diffusion of water

How do different solutions affect cells?



Facilitated diffusion:
the diffusion of molecules across a membrane through transport proteins;
requires no energy input from the cell