

OSMOSIS QUESTIONS

- 1) Over the 90 minute period, what distance did the column of sugar move?
- 2) Which term is used to describe the tonicity of the distilled water?
(Hypotonic or Hypertonic)
- 3) Explain why the sugar solution rises in the thistle tube over time.
- 4) Explain why the diffusion rate of water changed over the 90 minute period of time.
- 5) We began the experiment by pouring a 20% sucrose solution into the thistle tube. Describe what the makeup of the sucrose solution probably is after the 90 minute period. (More or less than 20%).
- 6) Describe why this change in sucrose % has changed.
- 7) From the knowledge you have gained, explain why it is not a good idea to drink salt water when you are thirsty.