**Review for Introduction to the Hydrosphere Quiz**

1. What is the water cycle? How does the amount of water on Earth during the time of the dinosaurs compare to the amount of water present today?
2. Summarize the water cycle using the following terms: infiltration, transpiration, runoff, groundwater, condenses, evaporation, precipitation, clouds, lakes and rivers.
3. What is porosity? What is the relationship between porosity and sorted sediments?
4. What is permeability? Groundwater can flow fastest through what type of permeability?
5. Explain the difference between an aquifer and an aquiclude.
6. Draw a picture and label the following: drawdown, cone of depression, and recharge.
7. Explain the difference between a confined and unconfined aquifer.
8. What does the level of the water table depend on?