# 17A

Create a chart or graph that compares the amounts of major categories of the earth’s water inventory by percentage. Include the oceans, liquid fresh water, frozen fresh water, and groundwater. Be sure to label your diagram with your percentages.

4) How can “solid” rock store groundwater?

6. What happens to the water table around a water well that is used regularly?

7- How can groundwater be recharged?

# 17B

1. Why isn’t groundwater pure water?

4) List three ways to soften hard water.



# 17C

1. What kinds of pollutants can affect water quality?
2. Use figure 17-22 to describe the three basic ways water treatment plants remove pollutants from water.



# 17D

3. What four conditions that probably existed right after the Flood could have helped form solution caves?



5 – What icicle-like speleothems hang from cave ceilings? What kind often forms directly beneath them?

7) If you were hiking in an area of karst topography, what are several features you could see?

# Chapter Review

1. Sketch the main steps of the water cycle. Include in your sketch the land, the ocean, and the atmosphere.
2. If you were digging a hole into the ground, how could you tell when you reached the surface of the water table?

Groundwater

Water cycle

Karst topography

Speleothems

Stalactites/Stalagmites

Dripstone/Flowstone

Water table

Aquifer

Soft v Hard water

Recharging (Replenishing)