# Water Questions Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. What is the relationship between the Gulf Stream and hurricanes? (2pts)
2. Define the following (1pts each) and create a diagram to show (5pts).
   1. Evaporation:
   2. Precipitation:
   3. Transpiration:
   4. Infiltration:
   5. Runoff:
3. How do currents control the temperature of water (refer to the poles and equator)? (3pts)
4. Fill in the distribution of water (1pt/blank)
   1. \_\_\_\_\_\_% of whole planet
      1. \_\_\_\_\_\_\_ % in Ocean
      2. \_\_\_\_\_\_\_\_\_% freshwater
         1. \_\_\_\_\_\_\_% icebergs/glaciers
         2. \_\_\_\_\_\_\_% rivers/lakes/streams
         3. \_\_\_\_\_\_\_% groundwater
   2. \_\_\_\_\_% agriculture, \_\_\_\_\_\_% industry, \_\_\_\_\_\_% cities/residence
5. Name 2 of the 4 primary forces that control ocean currents. (2pts)
6. What are the NADW and Gulf Stream, and why are they important? (4pts)
7. Explain how a cone of depression creates a need for deeper wells. (3pts)
8. Diagram a river. Include oxygen levels, location, and types of fish. (7pts)
9. Explain why certain fish are found in different types of water. (2pts)
10. What are the 3 main ways humans are polluting water? (3pts)
11. How does water create a cave? (2pts)
12. How can we help fix water pollution? (3pts)

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