Watts and Water Quiz for 9-12

Circle the letter for the best answer.

1. The amount of available and usable water on Earth is
   1. 1000%.
   2. 100%.
   3. 10%.
   4. 1%.
2. It takes electrical energy to
   1. clean water.
   2. heat water.
   3. dispose of dirty water.
   4. all of the above.
3. Running a faucet for 5 minutes uses
   1. 5 watts of energy.
   2. 60 watts of energy.
   3. 250 watts of energy.
   4. 500 watts of energy.
4. It takes at least 20 gallons of water to produce 1 kilowatt of energy.
   1. 100 gallons of water to produce 2 kilowatts of energy
   2. 200 gallons of water to produce 50 kilowatts of energy
   3. 400 gallons of water to produce 20 kilowatts of energy
   4. 1000 gallons of water to produce 100 kilowatts of energy
5. Wasting water
   1. takes less energy.
   2. helps the economy.
   3. drains aquifers.
   4. all of the above.
6. How much water does the average family in the United States use per day?
   1. 400 gallons of water
   2. 1000 gallons of water
   3. 100 gallons of water
   4. 40 gallons of water
7. Commercial buildings, including schools, use water for
   1. teaching.
   2. landscaping (lawns and athletic fields).
   3. driving vehicles.
   4. running the lights.
8. What are some ways to save water at home?
   1. 5 minutes shower
   2. Leaving the water running while brushing your teeth
   3. Running the washing machine with a small load of clothes
   4. Watering the lawn at noon
9. The region of the United States that uses the most amount of electricity is
   1. Central.
   2. West.
   3. East North Central.
   4. West North Central.
10. What are the different types of freshwater?
    1. Saline, groundwater, glaciers
    2. Groundwater, ice caps, glaciers
    3. Rivers, lakes, saline
    4. Oceans, bays, lakes