

7Ec Evaporation Workbook Answers P.58

Q1. solvent, liquid, gas, solute, concentrated, solid

Q2. Faster in the warm ponds, because the rate of evaporation increases as the temperature increases.

Q3. a) That is the temperature at which all the liquid ethanol turns into a gas.

b) The water is not pure/contains some solute, because the temperature is higher than the boiling point of pure water.

Q4. The percentage of water increases because it evaporates more slowly than the ethanol. Eventually, all of the ethanol will have boiled and only 100% water will be left.