Tyler Holland

Extra Credit Multiple Choice Questions

1. What causes enzymes to be extremely specific to the given substrate?
   1. **The chemical interactions between the substrate and the enzyme**
   2. The number of hydrogen molecules in the enzyme
   3. The number and amount of each different type of atomic element in the enzyme
   4. Enzymes are not specific and any substrate will accept them
2. Which of these answers is using NOT using the correct property of water to describe the situation?
   1. Cohesion: Water Striders rely on cohesion in order to move across the water
   2. **Polarity: When you float a magnet in water, it aligns itself to the polarity of the water**
   3. Differential Densities: This is what causes large sheets of ice to float on top of water
   4. Disassociation of Acids and Bases: Adding more water to your lemonade will make it taste less acidic