

Name:

Date:

Class:

Mines to Mobiles Pre-Test **Answer Key**

1. **What is an aqueous solution?**
 - a. A solid mixture
 - b. A liquid mixture with water as the main component**
 - c. A gas mixture
 - d. A solution without any water
2. **In a saltwater solution, what is the solvent?**
 - a. Salt
 - b. Water**
 - c. Both salt and water
 - d. Neither salt nor water
3. **In a saltwater solution, what is the solute?**
 - a. Salt**
 - b. Water
 - c. Both salt and water
 - d. Neither salt nor water
4. **What happens to the concentration of a solution if you add more solute without adding more solvent?**
 - a. It decreases
 - b. It stays the same
 - c. It increases**
 - d. It disappears
5. **What happens to the concentration of a solution if you add more solvent without adding more solute?**
 - a. It decreases**
 - b. It stays the same
 - c. It increases
 - d. It disappears
6. **What does it mean to dilute a solution?**
 - a. To add more solute to it
 - b. To add more solvent to it**
 - c. To take away some solvent
 - d. To take away some solute
7. **Why is water often called the "universal solvent"?**
 - a. Because it dissolves everything
 - b. Because it can dissolve many different substances**
 - c. Because it cannot dissolve anything
 - d. Because it only dissolves gasses