

Name:

Date:

Class:

Mines to Mobiles Pre-Test

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
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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