

Review of Solutions: Special Mixtures

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Understanding Mixtures and Solutions

Name: _____

Date: _____

Answer the following questions based on what you learned about solutions and mixtures.

1. What is a solution in scientific terms?
 - A. A mixture where substances stay separate
 - B. A mixture where one substance dissolves in another
 - C. A type of solid
2. When salt dissolves in water, it breaks into tiny pieces too small to ____.
3. Give an example of a solution we use every day.

4. What happens to salt when it dissolves in water?
 - A. It forms larger pieces
 - B. It breaks into tiny pieces
 - C. It stays the same size

5. Match the substance to whether it dissolves in water.

Salt

Dissolves

Oil

Does not dissolve

6. What did you learn about how substances interact in solutions?

7. What is one thing that does not dissolve in water?
 - A. Sugar
 - B. Salt
 - C. Oil

8. Solutions are special mixtures where one substance completely dissolves in ____.

9. Everything dissolves in water.

True False

10. Why is understanding solutions important, according to Proverbs 2:10?

Answer Key

1. A mixture where one substance dissolves in another 2. see 3. One example is saltwater used in cooking. 4. It breaks into tiny pieces 5. Dissolves 6. I learned that some substances mix well, while others do not. 7. Oil 8. another 9. False 10. Understanding solutions helps us gain knowledge and wisdom about the world God created.