

Science Mixtures

Name: _____

Date: _____

Answer the questions by choosing the correct option!

- 1) Which of the following is a mixture?
 - A) Water
 - B) Air
 - C) Table salt
 - D) Oxygen
- 2) What happens when you mix salt with water?
 - A) The salt floats
 - B) The salt sinks
 - C) The salt dissolves
 - D) The salt burns
- 3) Which type of mixture has particles that are large enough to be seen and can be easily separated?
 - A) Solution
 - B) Compound
 - C) Suspension
 - D) Alloy
- 4) How can you separate iron filings from sand?
 - A) Using a sieve
 - B) Using water
 - C) Using a magnet
 - D) Using a filter
- 5) What do you call a mixture in which the substances are evenly distributed?
 - A) Colloid
 - B) Suspension
 - C) Solution
 - D) Emulsion
- 6) Which of the following is a solution?
 - A) Salad
 - B) Sand and water
 - C) Salt dissolved in water
 - D) Marbles in a jar
- 7) Which of the following is NOT a method to separate mixtures?
 - A) Filtering
 - B) Evaporating
 - C) Freezing
 - D) Dissolving
- 8) What property makes oil and water not mix together?
 - A) They are both liquids
 - B) Oil is heavier than water
 - C) They have different densities
 - D) Water is a gas
- 9) Which of the following can dissolve in water?
 - A) Sugar
 - B) Plastic
 - C) Wood chips
 - D) Rubber band
- 10) What is the best way to separate salt from water?
 - A) Filtration
 - B) Evaporation
 - C) Magnetic separation
 - D) Decanting