

Name _____

Mixture or Compound? The Sneaky Science of Substances

Multiple Choice Questions

1. What is one main difference between a mixture and a compound?
 - a) Mixtures are always liquids
 - b) Compounds are made of elements bonded together
 - c) Mixtures are never found in nature
 - d) Compounds can be separated easily
2. Which of these is a compound?
 - a) Fruit salad
 - b) Saltwater
 - c) Air
 - d) Water
3. How can scientists tell a compound from a mixture?
 - a) By tasting it
 - b) By heating it and watching the reaction
 - c) By guessing
 - d) By touching it
4. What tool might a scientist use to study mixtures and compounds?
 - a) Microscope
 - b) Magnet
 - c) Paintbrush
 - d) Ruler
5. Why is it important to know if something is a mixture or compound?
 - a) So it tastes better
 - b) To know if it's colorful
 - c) To avoid scientific mistakes
 - d) Because mixtures are always dangerous

