



Name: _____
Date Started: _____ Date Completed: _____ Score: _____

Learning Activity Sheet Heterogeneous Mixtures

A. Directions: Choose the letter of the correct answer. Write your answer in the space provided before each number.

1. Which method is most suitable to separate salt from seawater?
 - A. chromatography
 - B. decantation
 - C. evaporation
 - D. magnetic separation
2. You enjoy eating vegetable salad. What type of mixture is this?
 - A. solution
 - B. pure substance
 - C. homogeneous mixture
 - D. heterogeneous mixture
3. Which of the following beverages is NOT a heterogeneous mixture?
 - A. milk
 - B. orange juice with pulp
 - C. sago't gulaman
 - D. wine
4. A food scientist wants to know the components of the red dye from a certain plant. Which method of separating mixtures is the most suitable to be used?
 - A. chromatography
 - B. distillation
 - C. filtration
 - D. magnetic separation
5. You want to separate the mixture of sulfur powder and iron filings. Which method is the best to use to separate the components of this mixture?
 - A. chromatography
 - B. decantation
 - C. filtration
 - D. magnetic separation

B. Directions: Write **True** if the statement is correct. If the statement is wrong, write **False**. Write your answer in the space provided.

- _____ 1. In a heterogeneous mixture, you will only be able to see one phase.
- _____ 2. A colloid has intermediate-sized particles that are dispersed throughout the mixture.
- _____ 3. In decantation, you can separate the components using a magnet.
- _____ 4. Suspensions have large particles that settle at the bottom of the container upon standing.
- _____ 5. A filter is a medium used in the process of filtration.