

TEST NAME: PSc 1.5 Separating Mixtures Spring 2018
TEST ID: 2181380
GRADE: 09 - Ninth Grade - 12 - Twelfth Grade
SUBJECT: Life and Physical Sciences
TEST CATEGORY: School Assessment

02/09/18, PSc 1.5 Separating Mixtures Spring 2018

Student: _____

Class: _____

Date: _____

1. **A student added 10 mL of sodium chloride, NaCl, to 100 mL of water and then stirred the mixture until the salt was no longer visible. Which of the following BEST describes the mixture?**

- A. Sodium chloride is the solute, water is the solvent, and salt water is the solution.
- B. Sodium chloride is the solute, salt water is the solvent, and water is the solution.
- C. Water is the solute, sodium chloride is the solvent, and salt water is the solution.
- D. Water is the solute, salt water is the solvent, and sodium chloride is the solution.

2. **If you wanted to separate iron filings from sand, you would use a _____**

- A. funnel
- B. magnet
- C. filter
- D. colander or sieve

3. **Mixtures of two immiscible liquids, such as oil and water, are best separated by using**

- A. magnet
- B. evaporation
- C. filtration
- D. separating funnel

4. **The process used to separate heterogeneous mixtures of solids and liquids is called _____.**

- A. distillation
- B. crystallization
- C. filtration
- D. distillation

5. **Some solutions, such as salt water, are separated by which process?**

- A. filtration
- B. distillation
- C. evaporation
- D. chromatography