



Name: _____ Class: _____

Mixtures

- Select two options below that are true about mixtures.
 - two or more substances mixed together but not chemically combined
 - most substances will explode when mixed
 - substances in a mixture maintain their own properties
 - only liquids can be combined to form mixtures
- A snack mixture of raisins, walnuts and peanuts cannot be separated.
 - true
 - false
- Which of the following are mixtures ?
 - fruit salad
 - sand and iron filings
 - ammonia
 - all of the above
- Which of the following is not a mixture ?
 - flour and sugar
 - iron filings and charcoal
 - corn flour
 - atmosphere
- Which of the following methods can be used for separating large from small particles ?
 - electrolysis
 - disolving
 - sifting
 - evaporation
- Which of the following is a mixture ?
 - soda
 - salt water
 - lemonade
 - all of the above
- How can you separate a mixture of iron filings and sand ?
 - sifting
 - use a magnet to attract iron filings
 - burning
 - adding water and filtering

1. Select two options below that are true about mixtures.
 - a. two or more substances mixed together but not chemically combined
 - b. most substances will explode when mixed
 - c. substances in a mixture maintain their own properties
 - d. only liquids can be combined to form mixtures

2. A snack mixture of raisins, walnuts and peanuts cannot be separated.
 - a. true
 - b. false

3. Which of the following are mixtures ?
 - a. fruit salad
 - b. sand and iron filings
 - c. ammonia
 - d. all of the above

4. Which of the following is not a mixture ?
 - a. flour and sugar
 - b. iron filings and charcoal
 - c. corn flour
 - d. atmosphere

5. Which of the following methods can be used for separating large from small particles ?
 - a. electrolysis
 - b. dissolving
 - c. sifting
 - d. evaporation

6. Which of the following is a mixture ?
 - a. soda
 - b. salt water
 - c. lemonade
 - d. all of the above

7. How can you separate a mixture of iron filings and sand ?
 - a. sifting
 - b. use a magnet to attract iron filings
 - c. burning
 - d. adding water and filtering