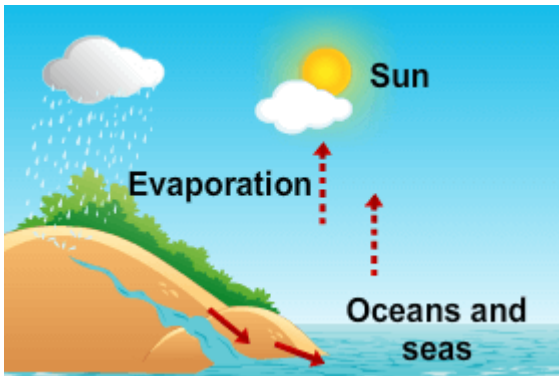


Physical Changes

State whether the following statement is true or false.

1. Evaporation is an example of a physical change.



- ☐ True
- ☐ False

Choose the correct answer.

2. Which of the following is an example of a mixture?

☐



Trail mix

☐



Salad

☐



Cereal with bananas

☐



Trail mix



Salad



Cereal with bananas

All of the above

3. Which of the following mixture is a solution?

☐



Sand and water

☐



Chocolate milk

4. Soaking a sponge in water, painting a house, shredding paper, and stacking cookies are all examples of which of the following?



Soaking a sponge in water



Painting a house



Shredding paper



Stacking cookies

- ☐ Chemical changes
- ☐ Physical changes

State whether the following statement is true or false.

5. Solutions are a type of mixture where the molecules are evenly spread out in the substance.

- ☐ True
- ☐ False

Choose the correct answer.

6. Which of the following is taking place in the picture?



- ☐ Evaporation
- ☐ Melting

7. Which of the following best defines a mixture?



M&M's



Sand and water

- ☐ A mixture is two or more substances that are combined together without the molecules changing.
- ☐ A mixture is two or more substances that are combined together with the molecules changing.

8. Which of the following is considered to be a universal solvent?

☐

Water

☐

Gasoline

State whether the following statement is true or false.

9. Water is a substance that can clean oil from clothing.



- ☐ True
☐ False

10. Dishwashing liquid can be used to clean birds and other wildlife following an oil spill.



Dish washing liquid



Bird covered with oil

- ☐ True
- ☐ False

Choose the correct answer.

11. In a solution, the molecules of a substance will _____.



- ☐ spread out evenly
- ☐ change

12. Which of the following best describes a salad dressing?



- ☐ Salad dressing is an example of a mixture and is also a solution.
- ☐ Salad dressing is an example of a mixture and is also a suspension.

13. Which of the following is an example of a suspension?

☐



Orange juice

☐



Chocolate milk

14. All of the following are physical changes except _____.

☐



burning newspaper

☐



snowman melting

☐



making lemonade

15. Which of the following best explains the difference between a solute and a solvent?



Solute



Solvent

- ☐ A solvent is the substance to be dissolved, and a solute is the substance that dissolves the solute.
- ☐ A solute is the substance to be dissolved, and a solvent is a substance that dissolves the solute.