Name: ……Gr5/…

Homework:

<u>Mixtures and Solutions</u>

Underline the correct answer

1. A _____ is a physical combination of two or more substances.
   A. Suspension
   B. Mixture
   C. Matter
   D. Solution

2. Mixtures that have parts that are nor uniformly mixed together are called _____ mixtures.
   A. Homogeneous
   B. Heterogeneous

3. Smoke is an example of a _____ because its suspended particles are small enough that they do not settle.
   A. Colloid
   B. Suspension
   C. Positive
   D. Negative

4. Asma made a mixture of raisins, nuts, and dried fruit for a snack.

   What kind of mixture was Asma's snack?
   A. Solution
   B. Colloid
   C. Heterogeneous mixture
   D. Suspension

5. When salt is placed in a glass of water and dissolves, it is an example of a __
   A. Colloid
   B. Suspension

C. Solution

D. Compound

6. While sitting in your house, you notice that there are particles of dust floating in the air. These particles of dust that are suspended in the air are and example

   A. Solid

   B. Solution

   C. Aerosol

   D. Gas

7. The mixture of gravel and sand is an example of a _____

   A. Heterogeneous

   B. Homogeneous

8. Which of the following would make sugar dissolve faster in a cup of water?

   A. Add cold water and stir

   B. Let water evaporate away

   C. Add warm water and stir

   D. Add more sugar and stir

9. Which is a **heterogeneous** mixture?

   A. Mixed nuts

   B. Coffee

   C. Salt solution

   D. Sugar water

10. Alloys are homogeneous mixtures of _____.

    A. Liquids

    B. Gases

    C. Metals

    D. None of these answers are correct

11. Which is an example of a colloid?

A. butter

B. milk

C. salad dressing

D. sugar water

12. Explain the difference between a homogeneous and a heterogenous mixture. (2)

_____

_____

_____

_____

13. You pour two different types of cereal into one bowl. Is this an example of a mixture or solution? Explain. (2)

_____

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