QUIZIZZ Worksheets

Grade 7 Ch.7 Chemistry Quiz

Total questions: 14

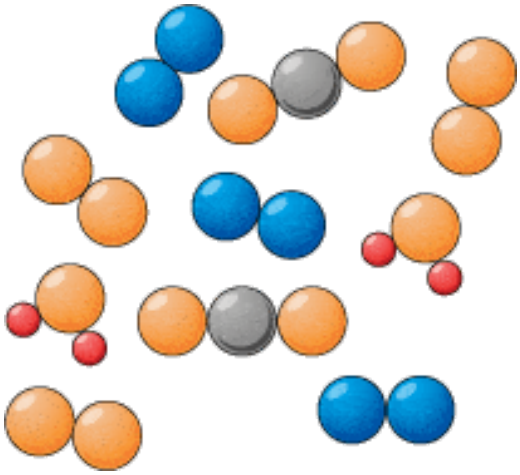
Worksheet time: 25mins

Instructor name: Mr. J. Kim

Name

Class

Date

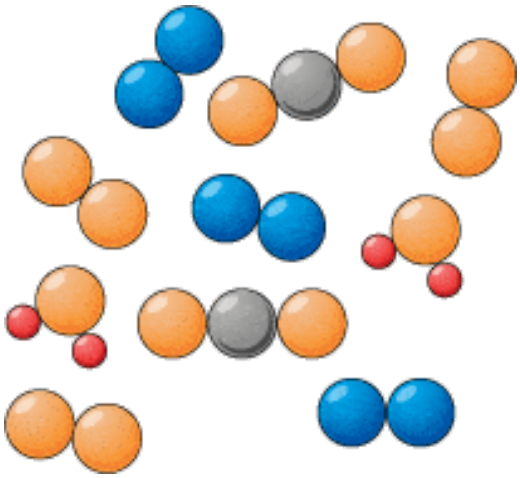
1. 

Examples are water (H_2O) and carbon dioxide (CO_2).

a) compounds

b) elements

c) mixtures

2. 

A pure substance containing only one kind of atom.

a) compound

b) mixture

c) element

3. 

What type of mixture is this?

a) solid mix
b) chemical
c) homogenous mixture
d) heterogeneous (mechanical) mixture

4. Which of the following is NOT an example of suspension ?

a) muddy water
b) fog
c) apple juice
d) cream (from milk)

5. 3 examples of a physical change...?

a) sawing of wood, crushing a can, & toasting a marshmaollow
b) freezing water, bursting of a balloon, & rotting of an egg
c) evaporation of gasoline, rusting a nail, & freezing of water
d) boiling of water, bursting of a balloon, & crumpling a piece of paper

6. Which of the following is NOT a clue that a chemical change is taking place?

a) rapid release of energy (heat, light, or sound)
b) formation of a precipitate from solution
c) phase (solid-liquid-gas) change
d) formation of bubbles

7. Mr. Kim shows his students a mixture of plastic beads and metal beads. He then uses a magnet for demonstration. What is he MOST LIKELY demonstrating?

a) separating a mixture
b) making a solution
c) creating a chemical change
d) changing the state of matter

8. Mr. Kim lit a candle and described to his students that some of the wax is burning while some of the wax is melting. Student A states that these are both physical changes. Students B states that these are both chemical changes. Which statement BEST describes the students' conclusions?

a) Both are incorrect, because burning wax is a physical change and melting wax is a chemical change.

b) Both are incorrect, because burning wax is a chemical change and melting wax is a physical change.

c) Student A is correct.

d) Student B is correct.

9. What does it mean to dilute a solution?

a) increase the concentration of solute per solvent

b) no more solute can be dissolved in the solution

c) lower the concentration of solute per solvent

d) a solution contains more of the solute than the saturated solution can hold

10. On the pH scale what number is the most acidic

a) 0

b) 1

c) 4

d) 13

11. A solution in which no more material will dissolve is

a) saturated

b) diluted

c) solvent

d) concentrated

12. Which of the following is a method of separating solutions?

a) hand seperation

b) evaporation

c) screening

d) filtering

13. Which of the following is NOT the properties of bases?

a) bitter taste

b) feel slippery

c) react with (corrode) metals

d) can cause serious burns on skin

14. Which of the following is NOT the correct match between the acidity of solutions and their pH levels?

a) baking soda, pH ~ 8.0

b) detergent, pH ~ 5.0

c) milk, pH ~ 6.5

d) vinegar, pH ~ 2.0