

QUIZIZZ

Classifying Matter

17 Questions

NAME : _____

CLASS : _____

DATE : _____

1. Matter is anything with mass and...

a) Density

b) Atoms

c) Volume

d) Particles

2. A Pure Substance that consists of **one type of atom** which can be found on the Periodic Table.

a) Element

b) Compound

c) Mixture

d) I don't know

3. A type of substance containing atoms of two or more elements **chemically bonded** together is a mixture.

a) True

b) False

4. Combinations of 2 or more substances (elements and compounds) that are **physically** blended together are called...

a) Compounds

b) Mixtures

c) Elements

d) Substances

5.  The taco shown above is an example of a(n)...

a) element

b) compound

c) heterogeneous mixture

d) homogeneous mixture

6. Oxygen gas (O_2) is an example of...

a) an element

b) a mixture

c) a compound

7.



Italian Salad Dressing

 a) heterogeneous mixture b) homogeneous mixture c) compound d) element

8.

H₂O is an example of ... a) A mixture b) A compound c) An element

9.



What is Kool-aid?

 a) element b) Heterogeneous Mixture c) Homogeneous Mixture d) Compound

10.



The image showing a sample of gold is an example of a(n)...

- a) element
- b) compound
- c) heterogeneous mixture
- d) homogeneous mixture

11. A type of matter where two or more substances are **NOT** chemically combined.

- a) mixture
- b) solution
- c) solvent
- d) solute

12. If a mixture which is evenly combined at the microscopic level is a...

- a) solution
- b) compound
- c) homogeneous mixture
- d) heterogeneous mixture

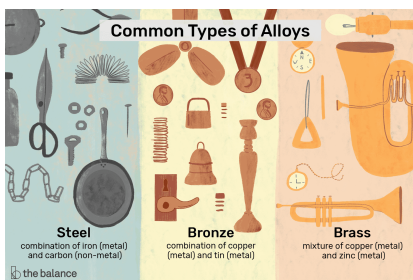
13. What is the term given for combining 2 or more **different types** of atoms chemically joined together?

- a) atoms
- b) elements
- c) molecules
- d) compounds

14. A Mixture is defined as

- a) A combination of two or more substances that are **not** chemically combined
- b) A combination of compounds that are chemically bonded
- c) 2 or more elements chemically bonded
- d) A combination of two or more substances that are **not** physically combined

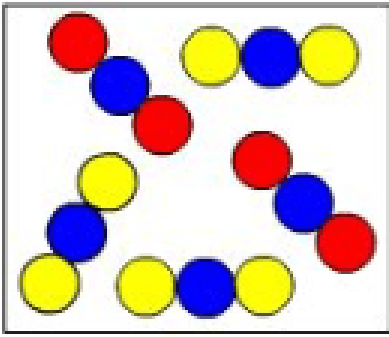
15.



Metal alloys like the ones shown above are examples of:

- a) pure substances
- b) compounds
- c) homogeneous mixtures
- d) heterogeneous mixtures

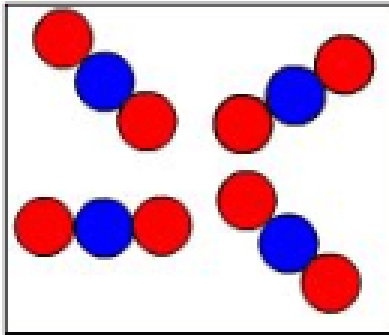
16.



The particle diagram above is a model of a(n)...

 a) mixture of elements b) mixture compounds c) element d) compound

17.



The particle diagram above is a model of a(n)...

 a) mixture of elements b) mixture compounds c) element d) compound

Answer Key

1. c
2. a
3. b
4. b
5. c

6. a
7. a
8. b
9. c
10. a

11. a
12. c
13. d
14. a
15. c

16. b
17. d