QUIZIZZ

NAME : _____

CLASS : _____

Properties of Matter
20 Questions

DATE : _____

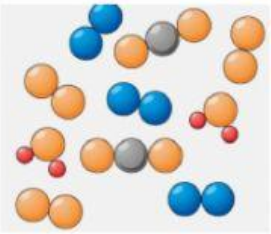
1. Which one of the following would you use to separate sand from iron filings?

A alum

B filter paper

C chromatography paper

D a bar magnet

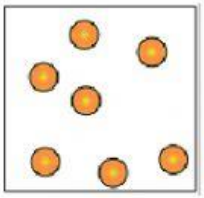
2.  This diagram represents...

A A molecule

B A mixture of elements and compounds

C An element

D A compound

3. 

A element

B compound

C mixture of elements

D mixture of compounds

4.  What type of mixture is this?

A heterogeneous

B homogeneous

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5. Which of the following is not a chemical property?

A boiling
B burning
C rotting
D rusting

6. Which one of these is a chemical property?

A boiling point
B melting point
C color
D flammability

7.  Ability to rust is this type of property:

A Physical property
B Chemical property

8. Which is an example of a physical property?

A ability to react with acid
B state of matter
C ability to react with oxygen
D flammability

9. A pure substance that cannot be broken down into any other substance.

A Mixtures
B Elements
C Compounds

10. A(n) _____ is formed when two or more elements chemically combine.

A Compound
B Mixture
C Element

11. Which of these is a pure substance?

A table salt
B bread
C garden soil
D sea water

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12. Mixtures are different than pure substances because mixtures-

A can be separated physically
B contain only one type of atom
C have lower boiling points
D are less dense than pure substances

13. Cooking an egg is an example of...

A A chemical change
B Melting
C Dissolving
D A physical change

14. Melting ice is an example of...

A A physical change
B Magic
C Purification
D A chemical change

15. Which of the following is a sign that a chemical reaction has occurred?

A change in shape
B dissolving
C melting
D formation of a gas

16. Which of the following is NOT an example of a physical change?

A rust
B pencil sharpening
C shrunken clothing
D crumpled paper

17.  An explosion occurs ...

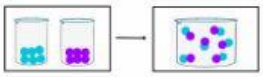
A Physical Change
B Chemical Change

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18.  A copper penny turning greenish after a few years is an example of ...

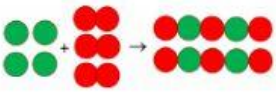
A Chemical Change

B Physical Change

19.  The image is best described as

A Physical Change

B Chemical Change

20.  Choose the best description below for the image

A physical change

B chemical change

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