



Properties of Matter
20 Questions

NAME : _____

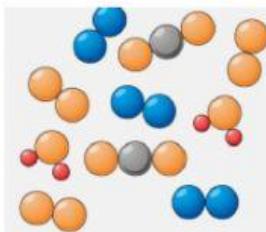
CLASS : _____

DATE : _____

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

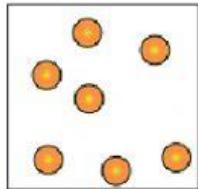
A alum B filter paper
 C chromatography paper D a bar magnet

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

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

<input type="checkbox"/> A	boiling	<input type="checkbox"/> B	burning
<input type="checkbox"/> C	rotting	<input type="checkbox"/> D	rusting

6. Which one of these is a chemical property?

<input type="checkbox"/> A	boiling point	<input type="checkbox"/> B	melting point
<input type="checkbox"/> C	color	<input type="checkbox"/> D	flammability

7.  Ability to rust is this type of property:

<input type="checkbox"/> A	Physical property	<input type="checkbox"/> B	Chemical property
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8. Which is an example of a physical property?

<input type="checkbox"/> A	ability to react with acid	<input type="checkbox"/> B	state of matter
<input type="checkbox"/> C	ability to react with oxygen	<input type="checkbox"/> D	flammability

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

<input type="checkbox"/> A	Mixtures	<input type="checkbox"/> B	Elements
<input type="checkbox"/> C	Compounds		

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

<input type="checkbox"/> A	Compound	<input type="checkbox"/> B	Mixture
<input type="checkbox"/> C	Element		

11. Which of these is a pure substance?

<input type="checkbox"/> A	table salt	<input type="checkbox"/> B	bread
<input type="checkbox"/> C	garden soil	<input type="checkbox"/> D	sea water

12. Mixtures are different than pure substances because mixtures-

<input type="checkbox"/> A	can be separated physically	<input type="checkbox"/> B	contain only one type of atom
<input type="checkbox"/> C	have lower boiling points	<input type="checkbox"/> D	are less dense than pure substances

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

<input type="checkbox"/> A	A chemical change	<input type="checkbox"/> B	Melting
<input type="checkbox"/> C	Dissolving	<input type="checkbox"/> D	A physical change

14. Melting ice is an example of...

<input type="checkbox"/> A	A physical change	<input type="checkbox"/> B	Magic
<input type="checkbox"/> C	Purification	<input type="checkbox"/> D	A chemical change

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

<input type="checkbox"/> A	change in shape	<input type="checkbox"/> B	dissolving
<input type="checkbox"/> C	melting	<input type="checkbox"/> D	formation of a gas

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

<input type="checkbox"/> A	rust	<input type="checkbox"/> B	pencil sharpening
<input type="checkbox"/> C	shrunken clothing	<input type="checkbox"/> D	crumpled paper

17.  An explosion occurs ...

<input type="checkbox"/> A	Physical Change	<input type="checkbox"/> 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

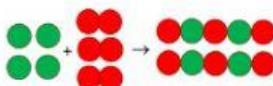
19.



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