

NAME : _____

CLASS : _____

DATE : _____

1. Matter is a composition that is always the same is...

Mixture

Atom

Matter

Substance

2. Substance that consists of one type of atom. It is a pure substance. Found on the Periodic Table.

Element

Compound

Mixture

I don't know

3. Salad is an example of...

a mixutre

an element

a compound

4. Pure oxygen (O) is an example of...

an element

a mixture

a compound

5.  An example of ...

A mixture

A compound

An element

6. Combination of two or more substances that are not chemically combined.

mixture

solution

solvent

solute

7. What is the term for combining 2 or more DIFFERENT atoms together?

atoms

elements

molecules

compounds

8.   Are these molecules also compounds?



Water
H₂O



Methane
CH₄

YES

NO

9.   Are these molecules also compounds?



Oxygen
O₂



Nitrogen
N₂

YES

NO

10. Pure oxygen (O) is an example of...

an element

a mixture

a compound

11.   What type of substance is shown?



Gold nugget



Gold ring

compound

heterogeneous mixture

homogeneous mixture

element

12. Mercury (Hg) What type of material is pictured?



Element

Compound

Homogeneous mixture

Heterogeneous mixture

13. Baking Soda (NaHCO₃) What type of material is pictured?



Element

Compound

Heterogeneous mixture

Homogeneous mixture

14. Water, air, buildings, food, and everything visible and invisible has mass and takes up space. What is the word used to describe anything that has mass and takes up space?

atom

molecule

solid

matter

15. What is the chemical formula for this model?



N₃H

NH₃

3NH

HN₃

16. Matter is

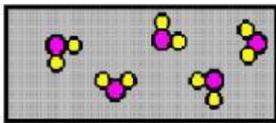
anything that is a solid, liquid, or gas

stuff that destroys

a conductor

an insulator

17. What kind of matter is this?

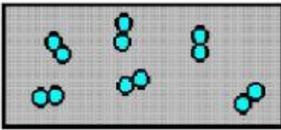


Element

Compound

Mixture

18. What kind of matter is this?

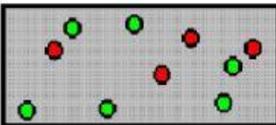


Element

Compound

Mixture

19. What kind of matter is this?

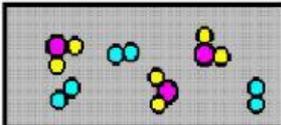


Element

Compound

Mixture

20. What kind of matter is this?

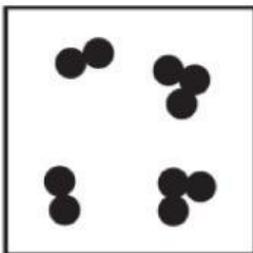


Element

Compound

Mixture

21. What kind of matter is this?

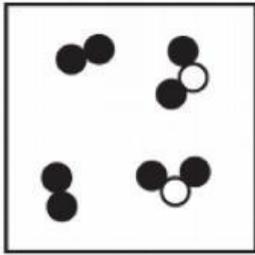


Element

Compound

Mixture

22.



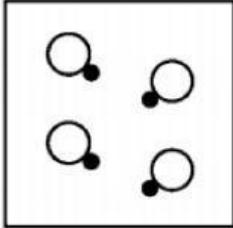
What kind of matter is this?

Element

Compound

Mixture

23.



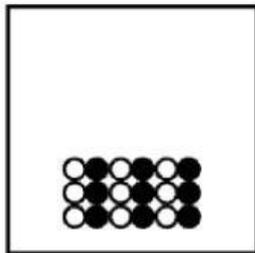
What kind of matter is this?

Element

Compound

Mixture

24.



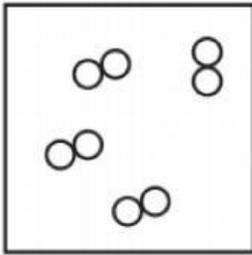
What kind of matter is this?

Element

Compound

Mixture

25.



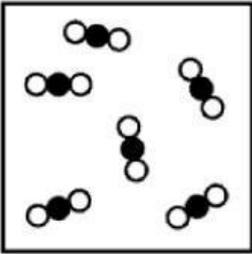
What kind of matter is this?

Element

Compound

Mixture

26.



What kind of matter is this?

Element

Compound

Mixture

27. What kind of matter is salt (NaCl)?

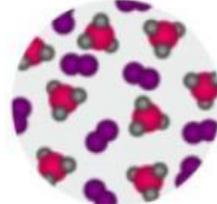
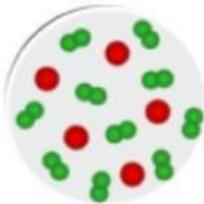
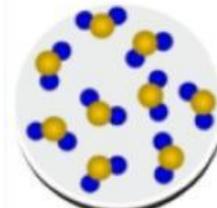
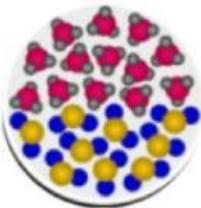
Element

Compound

Homogeneous Mixture

Heterogeneous Mixture

28. Identify the **pure substance**



29. Which of the following is **NOT** matter?

light

sound

heat

book

watch