

QUIZZZClassification of Matter
17 Questions

NAME : _____

CLASS : _____

DATE : _____

1.



How would you classify this image?

A

heterogeneous mixture

B

homogeneous mixture

2. What is a type of mixture in which different parts can easily be seen (Ex. Vegetable soup)?

A

Solution

B

Heterogeneous mixture

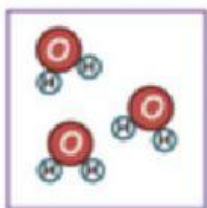
C

Homogeneous mixture

D

Colloid

3.



This picture represents:

A

Mixture of Compounds

B

Mixture of Elements

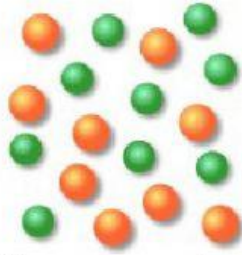
C

Compound

D

Element

4.



This picture represents which of the following?

- | | |
|-------------------------------------|------------------------------------|
| <input type="checkbox"/> A compound | <input type="checkbox"/> B mixture |
| <input type="checkbox"/> C element | |

5. What is the smallest unit of matter?

- | | |
|---------------------------------------|---------------------------------------|
| <input type="checkbox"/> A An atom | <input type="checkbox"/> B A compound |
| <input type="checkbox"/> C A particle | <input type="checkbox"/> D A cell |

6. Matter can be classified as either a _____ or a _____.

- | | |
|--|--|
| <input type="checkbox"/> A Pure Substance or a Mixture | <input type="checkbox"/> B Mixture or a Solid |
| <input type="checkbox"/> C Compound or a Solid | <input type="checkbox"/> D Element or a Compound |

7. Matter made up of one kind of atom is called a _____.

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

8. Elements and Compounds are classified as _____.

- | | |
|---|---|
| <input type="checkbox"/> A Unpure substances | <input type="checkbox"/> B Heterogeneous mixtures |
| <input type="checkbox"/> C Homogeneous mixtures | <input type="checkbox"/> D Pure substances |

9. _____ are when elements or compounds mix together in a substance but DO NOT chemically combine.

☐ A Mixtures

☐ B Compounds

☐ C Pure Substances

10. X is a substance made of only one type of atom. What type of matter is this?

☐ A element

☐ B compound

☐ C homogeneous mixture

☐ D heterogeneous mixture

11.



What type of mixture is this?

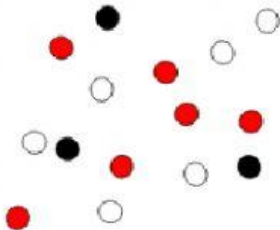
☐ A heterogeneous mixture

☐ B homogenous mixture

☐ C solid mix

☐ D chemical

12.



This picture represents:

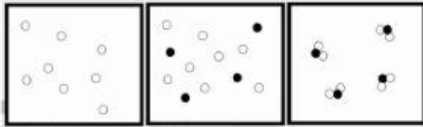
☐ A Compound

☐ B Mixture of Compounds

☐ C Mixture of Elements

☐ D Element

13.



Which one of these pictures represents a mixture?

- | | | | |
|----------------------------|------------|----------------------------|---|
| <input type="checkbox"/> A | 1, 2 and 3 | <input type="checkbox"/> B | 1 |
| <input type="checkbox"/> C | 3 | <input type="checkbox"/> D | 2 |

14. A pure substance containing two or more types of elements that are chemically combined is called?

- | | | | |
|----------------------------|----------|----------------------------|----------|
| <input type="checkbox"/> A | Mixture | <input type="checkbox"/> B | Element |
| <input type="checkbox"/> C | Compound | <input type="checkbox"/> D | Solution |

15. A material made up of two more more substances that can be easily separated by physical means is called?

- | | | | |
|----------------------------|---------|----------------------------|----------------|
| <input type="checkbox"/> A | Element | <input type="checkbox"/> B | Compound |
| <input type="checkbox"/> C | Mixture | <input type="checkbox"/> D | Pure Substance |

16. A mixture that is not evenly blended is called?

- | | | | |
|----------------------------|---------------|----------------------------|------------|
| <input type="checkbox"/> A | Element | <input type="checkbox"/> B | Compound |
| <input type="checkbox"/> C | Heterogeneous | <input type="checkbox"/> D | Homogenous |

17. A mixture that is uniformly mixed is called?

- | | | | |
|----------------------------|-------------|----------------------------|--------------|
| <input type="checkbox"/> A | Element | <input type="checkbox"/> B | Compound |
| <input type="checkbox"/> C | Homogeneous | <input type="checkbox"/> D | Heterogenous |