

St. Jane School

_____ Name _____ Date _____

Answer each riddle with a term from the Word Box

element ✓	texture ✓	molecule ✓	property ✓
hardness ✓	atom ✓	periodic table ✓	

1. All matter is made up of me.
I am a tiny particle that can't be seen.
What am I? _____
2. I am a special chart that arranges the elements by their properties.
What am I? _____
3. I am a word that describes how something feels to the touch.
What am I? _____
4. I am matter that is made up of only one kind of particle.
Gold, and silver are two examples.
What am I? _____
5. I am 2 or more atoms joined together.
What am I? _____
6. I am a word that describes how firm something is.
What am I? _____
7. I am something about matter that you can observe with one or all of your senses.
What am I? _____

Multiple choice questions. Circle the correct answer.

8. How many elements are there on the Periodic Table of Elements?

- A. 4 B. 118 C. 50

9. Which is an element on the Periodic Table of Elements?

- A. salt B. silver C. water

10. Which is the symbol for the element that is number 6 on the Periodic Table (C)?

- A. Silver B. Oxygen C. Carbon

11. Which is the symbol for the element that is number 1 on the Periodic Table (H) and is the most common element found in the universe?

- A. Hydrogen B. Helium C. Oxygen

12. What is the symbol on the Periodic Table for gold that comes from the Latin word for gold?

- A. Au B. Go C. Gd

13. How many atoms of oxygen are in CO₂ - carbon dioxide?

- A. 1 B. 2 C. 3

Thinking Further:

14. List two elements that are on the Periodic Table of Elements.

15. Draw this compound H₂O.

Complete each sentence with the correct term.

Elements atoms Periodic Table of Elements molecules compound
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16. All matter is made up of tiny particles that can't be seen that are called

_____.

17. The names of the different types of atoms are _____.

18. When you add two or more atoms together you create a

_____.

19. This is formed when elements are joined by chemical bonds

_____.

20. The elements are arranged in a chart like manner -

_____.