

Reviewer Test
Unit 1 - Matter
Unit 2 - Atoms, Elements, Compounds

Multiple Choice: Choose the letter of the correct answer. (Items 1-15)
เลือกตัวอักษรของคำตอบที่ถูกต้อง

1. What are the three states of matter?
 - a. Solid, liquid, gas
 - b. Earth, wind, fire
 - c. Ice, water, steam
 - d. Proton, electron, neutron
2. Which state of matter has a fixed shape?
 - a. Gas
 - b. Solid
 - c. Atom
 - d. Liquid
3. In which state of matter do particles move freely?
 - a. Gas
 - b. Solid
 - c. Liquid
 - d. Melting
4. Water is an example of which state of matter?
 - a. Gas
 - b. Solid
 - c. Liquid
 - d. Freezing
5. Steam is an example of:
 - a. Gas
 - b. Solid
 - c. Liquid
 - d. Smoke
6. What do we call a pure substance made of only one kind of atom?
 - a. Atom
 - b. Solid
 - c. Element
 - d. Compound
7. Which term describes two or more elements chemically joined together?
 - a. Atom
 - b. Melting
 - c. Compound
 - d. Sublimation
8. Which state of matter expands to fill its container?
 - a. Gas
 - b. Solid
 - c. Liquid
 - d. Evaporation
9. What happens when water is frozen?
 - a. It stays the same.
 - b. It becomes solid.
 - c. It turns into steam.
 - d. It evaporates in the air.
10. What is the name of the process where a solid turns into a liquid?
 - a. Melting
 - b. Freezing
 - c. Evaporation
 - d. Condensation

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11. What is the center of an atom called? a. Proton b. Nucleus c. Electron d. Neutron	14. Electrons are found: a. In the nucleus b. Orbiting the nucleus c. No electrons in the atom d. In the center of the atom
12. Which particle has a positive charge? a. Proton b. Nucleus c. Electron d. Neutron	15. Who proposed one of the first modern atomic theories? a. John Dalton b. Isaac Newton c. Charles Darwin d. Albert Einstein
13. Which particle has no charge? a. Proton b. Nucleus c. Electron d. Neutron	

Fill In The Blank : Choose the correct word from the box. (Items 16-20)

เติมคำในช่องว่าง: เลือกคำที่ถูกต้องจากในกล่อง

slowly	quickly	closely	far	tightly
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16. In a solid, particles are packed _____ together.

17. In a liquid, particles are _____ together but can move around.

18. In a gas, particles are spread _____ apart.

19. Particles in a liquid move _____.

20. Particles in a gas move very _____.

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Directions: Give the SYMBOLS or the ELEMENT NAME of the following elements (Items 21-25) ระบุสัญลักษณ์หรือชื่อธาตุของธาตุต่อไปนี้

21. Calcium _____	22. Boron _____	23. Carbon _____
24. He _____	25. Au _____	

Directions: Match the process to the correct description. Write the letter of the answer. จับคู่ชื่นตอนกับคำอธิบายที่ถูกต้อง เขียนตัวอักษรของคำตอบ

	Changes in States of Matter การเปลี่ยนแปลงสถานะของสาร	
	26. Freezing	a. Solid to liquid
	27. Melting	b. Gas to liquid
	28. Evaporation	c. Liquid to solid
	29. Condensation	d. Solid to gas
	30. Sublimation	e. Liquid to gas

Writing (Items 31-35)

Directions: Answer the following questions. โปรดตอบคำถามต่อไปนี้

31. How many elements in the periodic table?
32. What are horizontal columns in periodic tables known as?
33. What are vertical columns in periodic tables known as?
34. What is the difference between a mixture and a compound?

35. Name 2 kinds of mixtures at home.

- 1.
- 2.