

Name: Answer Key

Date: _____

Per: _____

Chemistry Unit Quiz Review

Part 1: Vocabulary

Directions: Look at the list of vocabulary words below. Do your best to define as many as possible on your own. If there are any words that you are unsure of, look through your notebook to help you.

1. atom

Building blocks of elements / all matter

2. atomic mass

The mass measurement of an elements atoms

3. atomic number

The # of protons and electrons in an element (periodic table)

4. boiling point

Temp. at which a substance boils + changes from liquid to gas

5. compound

Chemical bonding of 2 or more elements

6. condensation

Conversion of water vapor or gas to a liquid

7. density

The relationship between mass and volume

8. electron

Negatively charged particle in an atom's electron cloud

9. element

Chemically, the simplest substance. Cannot be broken down

10. evaporation

Conversion of water into a gas

11. freezing point

Temp at which a substance freezes + changes from liquid to solid

12. gas

Phase of matter - particles in no organized pattern all spread out - high k. E. w/ particles moving rapidly in all directions

13. identifying properties

Properties used to identify different types of matter

14. liquid

Phase of matter - loosely packed particles - slowly sliding around

15. matter

Makes up everything around us - has mass & takes up space

16. melting point

Temperature at which a substance melts and changes from solid to liquid

17. mixture

2 or more elements or compounds mixed together and can easily be separated

18. neutron

Neutrally charged particle of an atom found in nucleus

19. proton

Positively charged particle of an atom found in nucleus

20. solid

Phase of matter - tightly packed particles - low K.E. w/ vibration

21. solute

The substance that dissolves

22. solution

The mixture of solute and solvent

23. solvent

The liquid substance used to dissolve the solute