

Name: _____

Hour: _____ Date: _____

Chemistry: Vocabulary – Introduction to Chemistry

Directions: Define each of the following terms. For some of the terms, you may need to consult sources other than your textbook, such as a dictionary or encyclopedia.

1. **accuracy**

2. **alchemy**

3. **applied science (technology)**

4. **chemical**

5. **controlled experiment**

6. **hypothesis**

7. **inorganic compound**

8. **Law of Conservation of Mass**

9. **Material Safety Data Sheet**

10. **organic compound**

11. **precision**

12. ***pure science (science)***

13. ***scientific law***

14. ***scientific method***

15. ***scientific theory***

16. ***SI system***

17. ***synthesis***

18. ***system***

19. ***transmutation***

20. ***variable***

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Chemistry: Vocabulary – Matter and Energy

Directions: Define each of the following terms. For some of the terms, you may need to consult sources other than your textbook, such as a dictionary or encyclopedia.

1. ***allotropes***
2. ***atom***
3. ***Avogadro's number***
4. ***chemical properties***
5. ***chromatography***
6. ***compound***
7. ***density***
8. ***distillation***
9. ***element***
10. ***endothermic change***
11. ***energy***
12. ***exothermic change***
13. ***extensive properties***

14. ***freezing***

15. ***intensive properties***

16. ***kinetic energy***

17. ***Law of Conservation of Energy***

18. ***mass***

19. ***matter***

20. ***melting***

21. ***mixture***

22. ***mole***

23. ***molecule***

24. ***physical properties***

25. ***potential energy***

26. ***pure substance (substance)***

27. ***state of matter***

28. ***volume***

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Chemistry: Vocabulary – Atomic Structure

Directions: Define each of the following terms. For some of the terms, you may need to consult sources other than your textbook, such as a dictionary or encyclopedia.

1. **atomic mass (average atomic mass)**

2. **atomic number**

3. **electromagnetic radiation**

4. **electromagnetic spectrum**

5. **electron configuration**

6. **energy level (principal energy level)**

7. **excited state**

8. **frequency**

9. **ground state**

10. **group**

11. **Hund's rule**

12. ***isotope***

13. ***kernel electrons***

14. ***Law of Definite Composition***

15. ***mass number***

16. ***nucleus***

17. ***orbital***

18. ***orbital diagram***

19. ***period***

20. ***quantum theory***

21. ***valence electrons***

22. ***wavelength***