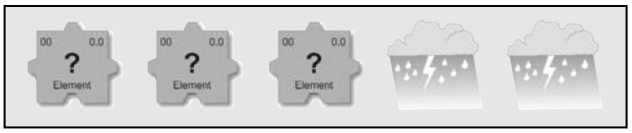
Name: _____

Date: _____ Grade: _____

SECTION QUIZ 3-2



Remember:
Score an average of 85% or higher on all three quizzes and you may be exempt from the chapter test!



Congratulations! You have completed this section!
Answer the following questions to test your understanding of the material. When you are finished, hand in your quiz to your teacher. Each answer is worth 2.5 points.

WORD BANK

As	B	Bi	Bs	C	Co	Ma
Mg	Mo	Mn	N	Ni	O	O_3
P	Pt	Sb	W	Z	Zn	

Fill in the blanks for questions #1-11 by using the word bank listed above.

1. The chemical symbol for arsenic is _____.
2. The chemical symbol for antimony is _____.
3. The chemical symbol for bismuth is _____.
4. The chemical symbol for platinum is _____.
5. The chemical symbol for zinc is _____.
6. The chemical symbol for cobalt is _____.
7. The chemical symbol for nickel is _____.
8. The chemical symbol for manganese is _____.
9. The chemical symbol for molybdenum is _____.
10. The chemical symbol for tungsten is _____.
11. The chemical formula for ozone is _____.

Fill in the blank or circle True or False.

12. When people think of arsenic, they usually think of: _____.
    (a) shiny buttons (b) bell metal (c) underground wells (d) poison
13. Platinum is twice as dense as: _____.
    (a) copper (b) gold (c) lead (d) water
14. Chemists make laboratory equipment from platinum because it is very active chemically.
    (a) True or (b) False
15. In ancient times, one of antimony's compounds was used as a cosmetic.
    (a) True or (b) False
16. The word *fuse* means to: _____.
    (a) explode (b) ignite (c) melt (d) produce energy

17. The metal used in electrical fuses and fire protection sprinkler systems is: _____.
    (a) bismuth (b) tungsten (c) cobalt (d) iron

18. Sheet metal coated with zinc is known as _____ steel.
    (a) galvanized (b) work-hardened (c) corrugated (d) oxidized

19. Zinc can be coated on steel by dipping the steel into _____ zinc.

20. Glassmakers mixed in cobalt ore to color their glass.
    (a) True or (b) False

21. Nickel is the only ferromagnetic element.
    (a) True or (b) False

22. Manganese alloys are used where reduction of sound is desirable.
    (a) True or (b) False

23. The metal with the highest melting temperature is: _____.
    (a) carbon (b) tungsten (c) iron (d) platinum

24. The three states of matter are solid, liquid and _____.

25. Only the nonmetals can be made into gases by heating.
    (a) True or (b) False

26. Standard atmospheric cannot be defined because air pressure changes from day to day.
    (a) True or (b) False

27. Standard temperature is _____ºC.

28. As one goes up in the atmosphere, the air becomes more dense.
    (a) True or (b) False

29. Ozone is believed to have a role in filtering harmful meteorites.
    (a) True or (b) False

30. A column of water 34 feet high has the same pressure as a column of air extending: _____.
    (a) 34 feet (c) one mile
    (b) 1,000 feet (d) to the top of the atmosphere

31. The gas that makes up 78 percent of the air is _____.

32. The gas that makes up 21 percent of the air is _____.

33. Hot air can hold more moisture than cool air.
    (a) True or (b) False

34. If the relative humidity is 100 percent, then the air is: _____.
    (a) full of carbon dioxide (c) fully saturated
    (b) likely to produce forest fires (d) especially dry

35. Relative humidity can be found by comparing the temperature reading of a wet-bulb thermometer with: _____.
    (a) a barometer
    (b) the temperature of a dry-bulb thermometer
    (c) a gyrometer
    (d) the temperature of a block of ice

36. *"Courage is resistance to fear, mastery of fear – not _____ of fear."*

37. *"Imagination gives wings to our thoughts, but we always need decisive _____ proof."*

38. *"In everything, I believe the secret of success is prolonged _____."*

39. *"To be happy at work, do what you enjoy or _____ why you do it."*

40. *"Few men during their lifetime come anywhere near exhausting the resources dwelling within them. There are deep wells of _____ that are never used."*