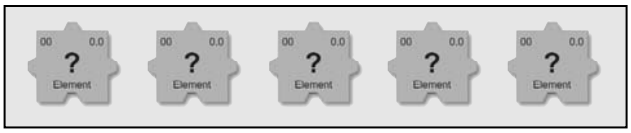
Name: _____

Date: _____ Grade: _____

SECTION QUIZ 1-1



Remember:
Score an 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 2.38 points.

Fill in the blank or circle True or False.

1. The scientific method is a problem solving process used by scientists.
   (a) True or (b) False

2. A hypothesis is: _____.
   (a) another word for the scientific method
   (b) an airplane or toy car model
   (c) a prediction of the answer to a scientific question
   (d) an educated guess

3. Scientists test their hypotheses by: _____.
   (a) experience (b) experiments (c) expertise (d) examples

Grammar	Literature	Writing
Chemistry	Physics	Geology
Sculpture	Paint	Sketch
Algebra	Geometry	Calculus

4. From the chart above name three kinds of sciences.
   (1) _____
   (2) _____
   (3) _____

5. An example of energy would be: _____.
   (a) your hand (c) a flashlight
   (b) the force used to throw a ball (d) sugar

6. Chemistry and physics are really just different words for the same thing.
   (a) True or (b) False

7. The combination of water, sand, gravel and gold is a: _____.
   (a) medley (b) compound (c) mixture (d) solid

8. Pure water is an example of a(n): _____.
   (a) element (b) compound (c) mixture (d) solid

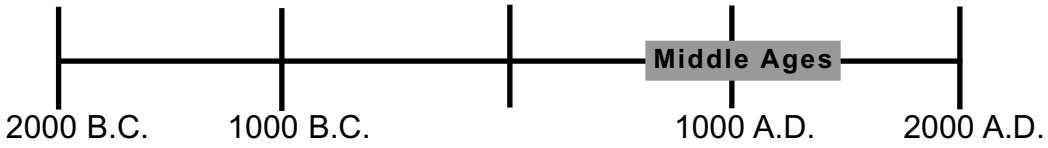
9. Salt is an example of a(n): _____.
   (a) element (b) compound (c) mixture (d) solid

10. *Inert* means that a substance will not readily _____ with other substances.

11. A substance whose shape can be changed by beating on it is said to be "malleable."
(a) True or (b) False

12. If copper is mixed with gold, the gold will be: _____.
(a) more beautiful (b) harder (c) softer (d) more expensive

13. Two rings are the same size, but one is 8 carat gold, the other is 14 carat gold. Which of the two has more gold? _____
(a) 8 carat
(b) 14 carat
(c) They will have the same amount.
(d) The amount of gold is underterminable.



14. According to the time line above, the Middle Ages were approximately between: _____.
(a) 2000 B.C. and 1000 B.C.
(b) 1400 B.C. and 600 B.C.
(c) 600 A.D. and 1400 A.D.
(d) 1900 A.D. and 2000 A.D.

15. A pure substance which cannot be broken down into any simple substance by chemical means is a(n): _____.
(a) element (b) mixture (c) compound (d) sugar

16. Two or more different elements in chemical union make a(n): _____.
(a) compound (b) mixture (c) element (d) solid

17. The ones most likely to do experiments were: _____.
(a) school teachers
(b) members of the Royal Society
(c) ancient Greek philosophers
(d) Roman Emperors

18. The chemical symbol for phosphorus is _____.

19. The chemical more likely to be used to make fireworks is: _____.
(a) gold (b) phosphorus (c) silver (d) magnesium

20. The chemical symbol of gold is _____.

21. The most malleable of metals is: _____.
(a) gold (b) silver (c) phosphorus (d) mercury

22. The chemical symbol for silver is _____.

23. The metal that is the most efficient conductor of heat and electricity is: _____.
(a) lead (b) silver (c) gold (d) copper

24. Copper is mixed with silver to make an alloy. The alloy will be: _____.
    (a) brighter (c) less resistant
    (b) more wear resistant (d) heavier

25. Of gold, silver and copper, the one used in photographic film is: _____.

26. The chemical symbol of copper is _____.

27. The main use of copper today is in electrical applications.
    (a) True or (b) False

28. Bronze is an example of a(n): _____.
    (a) alloy (b) metal (c) nonmetal (d) steel

29. The symbol for iron is _____.

30. A compound is considered an ore until the metal can be removed.
    (a) True or (b) False

31. Most ores contain either oxygen or _____.

32. Removing oxygen from a compound is known as oxidation.
    (a) True or (b) False

33. Burning and rusting are both examples of _____.

34. The chemical symbol for tin is _____.

35. Tin cans are made of steel that is coated with a thin layer of tin.
    (a) True or (b) False

36. *"Most people are drifting along in a childish sleep. To live our _____, we must wake up."*

37. *"All who have thought about the art of governing are convinced that the fate of empires depends on the _____ of youth."*

38. *"The superior woman stands erect by bending above the fallen. She rises by _____ others."*

39. *"The will to win, the desire to _____, the urge to reach your full potential . . . these are the keys that will unlock the door to personal excellence."*

40. *"Earn as much as you can. Save as much as you can. Invest as much as you can. _____ as much as you can."*