

Assignment Sheet 5 – CP Chemistry

Modern Chemistry Chapters 10 + 11



You are expected to READ each chapter in the textbook. Then complete the assigned questions for each chapter. The chapter homework is due approximately once per week.

When doing your homework, be sure to answer each question completely. Any question asking for an explanation should be answered in a complete sentence. Any mathematical question must show work.

While I will always expect you to know the vocabulary from the chapters, I will NOT be counting this as part of your homework grade. However, be sure to study the vocabulary for the tests and quizzes.

Due Date

Chapter 10: States of Matter

Page 353: #4, 5, 6, 8, 12, 13, 16, 17, 20, 30, 34, 35, 36

Due Date

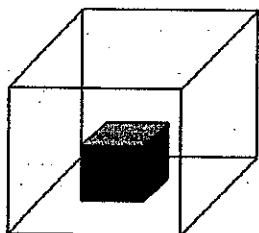
Chapter 11: Gases

Page 390: #3, 9, 11, 13, 16, 18a, 19a, 22, 23, 28, 31, 35, 37, 41c, 42b, 43b, 45ab, 49b, 50b, 51b, 52b, 54, 55, 59



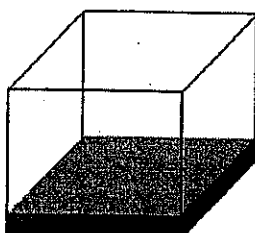
States of Matter

Glenn
Research
Center



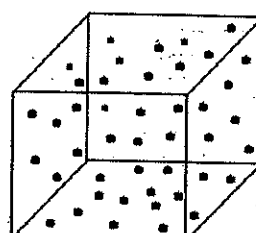
Solid

Holds Shape
Fixed Volume



Liquid

Shape of Container
Free Surface
Fixed Volume



Gas

Shape of Container
Volume of Container

THE PUZZLE PAGE

Element Search by Oliveros McLloyd

Hidden in the puzzle below are the names of the first 50 elements. Find them forward, backward, up, down, or diagonally. Circle each name as you find it. Some names overlap, using letters more than once; not all of the letters in the puzzle will be used.

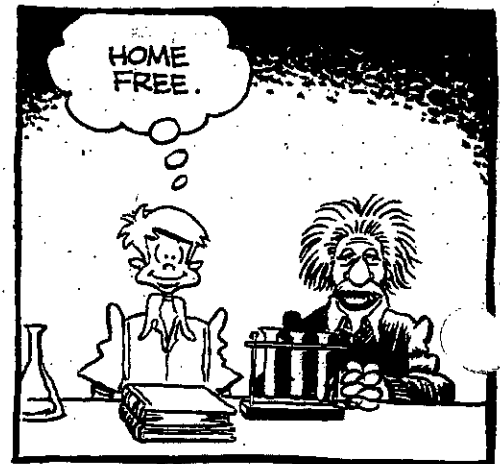
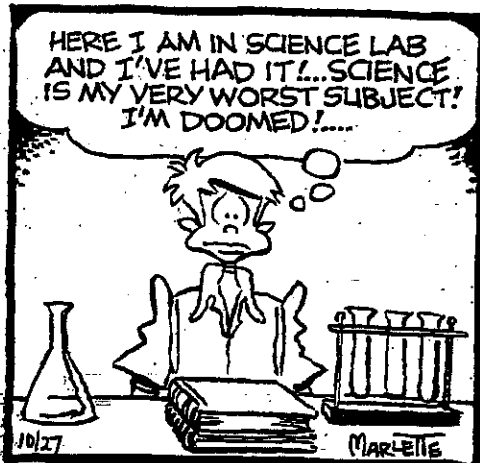
Element names (atomic number 1-50)

- | | |
|----------------|----------------|
| 1. Hydrogen | 26. Iron |
| 2. Helium | 27. Cobalt |
| 3. Lithium | 28. Nickel |
| 4. Beryllium | 29. Copper |
| 5. Boron | 30. Zinc |
| 6. Carbon | 31. Gallium |
| 7. Nitrogen | 32. Germanium |
| 8. Oxygen | 33. Arsenic |
| 9. Fluorine | 34. Selenium |
| 10. Neon | 35. Bromine |
| 11. Sodium | 36. Krypton |
| 12. Magnesium | 37. Rubidium |
| 13. Aluminum | 38. Strontium |
| 14. Silicon | 39. Yttrium |
| 15. Phosphorus | 40. Zirconium |
| 16. Sulfur | 41. Niobium |
| 17. Chlorine | 42. Molybdenum |
| 18. Argon | 43. Technetium |
| 19. Potassium | 44. Ruthenium |
| 20. Calcium | 45. Rhodium |
| 21. Scandium | 46. Palladium |
| 22. Titanium | 47. Silver |
| 23. Vanadium | 48. Cadmium |
| 24. Chromium | 49. Indium |
| 25. Manganese | 50. Tin |

T C H L O R I N E O N Y S E P T M O T H D
 J M B E C A I U N Z S Q X J N U L S L M Y
 R I U S L T J E I U E B V Z I I M A A E O
 P U V I R I G F R U T H E N I U M N B Q L
 S W B O T Y U O O W Z X A R I L G O S O L
 C E G I X N H M U V E T I D Y A A U R S C
 A E L O D P O T L C I M O H N L L M A B M
 N L N E S I M R F T I H U E S F L U W G S
 D C E O N E U U T O R N S N U N I I Y E O
 I L H K B I N M I S P E E R I N U H U R R
 U P O R C R U O K C A N E S E M M T V M E
 M Z M X O I A M G P L S O G R P U I O A U
 J S V A D M N C O R L A O R K A P L C N I
 B C I A G I T I N A R C L O R Y O A I L
 W Y N L O N A U C A D M I U M B Y X C U
 T A T B I S E Z M Y I V O I D I J P R M D
 V E I T S C A S H M U I T E N H C E T S P
 Z U Z I R C O N I U M X N O Q D V W L O I
 M O U I V I E N R U R U I Z N L I T X R N
 F M P L N O U U E J M V C A I Y B U O P Q
 W J E V N C O M U I D O S S L T S N M I X

KUDZU

by Marlette



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