

Name: _____

Chemistry Scavenger Hunt

Use your Textbook (Introductory Chemistry – A Foundation [Zumdahl]) to answer the following questions.

1. What section is titled "Introduction to the Periodic Table"? _____
What page does it start on? _____
2. What page shows the crystal structure of table salt (solid sodium chloride)? _____
3. Define absolute zero. _____
What page is the definition on? _____
4. On what page can you find out about the Bohr model of the atom? _____
5. Based on the graph on page 392, what is the volume of the gas if the pressure is 50 in Hg? _____
6. What is the symbol for kelvin (temperature)? _____ What page? _____
7. Dimensional analysis is described on page _____.
8. Where can you find the answers to even numbered end of chapter questions? _____
9. What is green chemistry and why is PERC no longer used for dry cleaning?

10. What is the answer to Self Check 4.3? _____ Where can you check your answer and work? _____
11. On what page in the Appendix does the book describe how to multiply and divide using scientific notation? _____
12. Without reading the black text on page 95 where else on that same page can you find the definition of atomic number and mass number? _____
13. In the section on chemical equations (see figure 6.5) why does potassium in water produce a flame? _____