

## Electron Configuration Practice Worksheet

In the space below, write the unabbreviated electron configurations of the following elements:

- 1) sodium \_\_\_\_\_
- 2) iron \_\_\_\_\_
- 3) bromine \_\_\_\_\_
- 4) barium \_\_\_\_\_
- 5) neptunium \_\_\_\_\_

In the space below, write the abbreviated electron configurations of the following elements:

- 6) cobalt \_\_\_\_\_
- 7) silver \_\_\_\_\_
- 8) tellurium \_\_\_\_\_
- 9) radium \_\_\_\_\_
- 10) lawrencium \_\_\_\_\_

Determine what elements are denoted by the following electron configurations:

- 11)  $1s^2 2s^2 2p^6 3s^2 3p^4$  \_\_\_\_\_
- 12)  $1s^2 2s^2 2p^6 3s^2 3p^6 4s^2 3d^{10} 4p^6 5s^1$  \_\_\_\_\_
- 13)  $[\text{Kr}] 5s^2 4d^{10} 5p^3$  \_\_\_\_\_
- 14)  $[\text{Xe}] 6s^2 4f^{14} 5d^6$  \_\_\_\_\_
- 15)  $[\text{Rn}] 7s^2 5f^{11}$  \_\_\_\_\_

Determine which of the following electron configurations are not valid:

- 16)  $1s^2 2s^2 2p^6 3s^2 3p^6 4s^2 4d^{10} 4p^5$  \_\_\_\_\_
- 17)  $1s^2 2s^2 2p^6 3s^3 3d^5$  \_\_\_\_\_
- 18)  $[\text{Ra}] 7s^2 5f^6$  \_\_\_\_\_
- 19)  $[\text{Kr}] 5s^2 4d^{10} 5p^5$  \_\_\_\_\_
- 20)  $[\text{Xe}]$  \_\_\_\_\_

# Chemistry Electron Configuration Test

**M Woodhall**



## **Chemistry Electron Configuration Test:**

*Cracking the SAT Chemistry Subject Test, 2013-2014 Edition* Princeton Review, 2013-04-23 If you need to know it is in this book This eBook version of the 2013 2014 edition of Cracking the SAT Chemistry Subject Test has been optimized for on screen viewing with cross linked questions answers and explanations It includes 3 full length practice tests with detailed explanations Review of all essential content from chemical equations to kinetics to electron configurations Helpful study lists of key lab equipment and a cheat sheet of important equations Key strategies that will help maximize your score Tons of sample problems and drills with detailed explanations [Cracking the SAT Subject Test in Chemistry, 16th Edition](#)

Princeton Review, 2017-12-12 Previous edition published as *Cracking the SAT chemistry subject test* Princeton Review *SAT Subject Test Chemistry Prep, 17th Edition* The Princeton Review, 2019-12-10 SAT Subject Test Chemistry Prep 17th Edition provides students with a review of all essential content from chemical reactions to kinetics to electron configurations tons of sample problems and drills helpful lists of key lab equipment a cheat sheet of important equations 3 practice tests and much more This 17th edition includes a new quick look Study Guide expanded answer explanations and access to a new Online Student Tools section with additional college admissions help and info [McGraw-Hill Education 500 AP Chemistry Questions to Know by Test Day, 2nd edition](#) Mina Lebitz, 2015-10-30 Get ready for your AP Chemistry exam with 500 AP Chemistry questions updated for all the latest exam changes We want you to succeed on your AP exams That's why we've selected these 500 questions to help you study more effectively use your preparation time wisely and get your best score These AP style questions and answers are similar to the ones you'll find on the exam so you will know what to expect on your test day Each question includes detailed explanation with right and wrong answers to enhance your full understanding of the concepts Whether you are just beginning your test preparation or doing a last minute review 5 Steps to a 5 500 AP Chemistry Questions 2ed will help you achieve the score you desire 500 AP style questions and answers Complete answer explanations for every question What you really need to know to achieve a high score *Tests in Chemistry* Charles Elwood Dull, 1958

**Practicing to Take the GRE Chemistry Test**, 1990 *McGraw-Hill's 3 Evolve Reach (HESI) A2 Practice Tests* Kathy A. Zahler, 2012-12-28 Intensive practice for the entrance exam required by many nursing schools and allied health programs nationwide from the most trusted name in medical nursing publishing 3 full length sample tests that match the actual HESI A2 exam in content format and level of difficulty The only full length sample tests available outside of the official Admission Assessment Exam Review from the test makers Every question categorized by subject matter so students know what topics they need to study Proven tips from seasoned test takers based on their posts in online HESI chat forums [McGraw-Hill's SAT Subject Test Chemistry, 3rd Edition](#) Thomas Evangelist, 2011-12-30 Expert guidance on the Chemistry exam Many colleges and universities require you to take one or more SAT II Subject Tests to demonstrate your mastery of specific high school subjects McGraw Hill's SAT Subject Test Chemistry is written by experts in the field and gives you the guidance you

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