8 • Electron Configurations & Periodicity

WRITING ELECTRON CONFIGURATIONS

For each given element, fill in the orbital diagram and then write the electron configuration for the element.

1.	2.	3.	4.	5.	6.
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' ©	' ⊠	¹₩	180	180	'₩
# of e 's: 10	# of e 's: 12	Element: N # of e 's: 7	Element: Li # of e-'s: _3	Element: P # of e 's: 15	Element: Cl # of e 's: 17

Write the electron configurations of each of these in long form and short form:

- Ar 152 252 206 352 306 AT [NE] 352 3p6
- Mg 152 252 204 352 Mg TNE 7 352
- 3. N 152 252 2p3 N [He] 252 2p3
- Li [152 25'
- P 152 252 Zp 352 3p3 P [Ne] 35+ 3p3
- CI 152 252 2p6 352 3p5
- CI [Ne] 352 305



Fill in the orbital diagram for the element, Fe, and write the electron configuration of Fe in the long and short form.

Fe 1s2 2s2 2p 3s2 3p6 3d6 452

Fe [Ar] 3d 4 452

Holt Chemistry Section Review Answers Electron Configuration

JR Anderson

Holt Chemistry Section Review Answers Electron Configuration:

Holt Chemistry Ralph Thomas Myers, 2004 Let's Review Regents: Chemistry--Physical Setting Revised Edition Barron's Educational Series, Albert S. Tarendash, 2021-01-05 Barron's Let's Review Regents Chemistry gives students the step by step review and practice they need to prepare for the Regents Chemistry Physical Setting exam This updated edition is an ideal companion to high school textbooks and covers all Chemistry topics prescribed by the New York State Board of Regents Let's Review Regents Chemistry covers all high school level Chemistry topics and includes Extensive review of all topics on the test Extra practice questions with answers A detailed introduction to the Regents Chemistry course and exam One actual recently released Regents Chemistry exam with an answer key **Holt Chemistry** Holt Rinehart & E3 Chemistry Review Book - 2018 Home Edition (Answer Key Included) Effiong Winston, 2003-01-24 Eyo, 2017-10-20 With Answer Key to All Questions Chemistry students and homeschoolers Go beyond just passing Enhance your understanding of chemistry and get higher marks on homework guizzes tests and the regents exam with E3 Chemistry Review Book 2018 With E3 Chemistry Review Book students will get clean clear engaging exciting and easy to understand high school chemistry concepts with emphasis on New York State Regents Chemistry the Physical Setting Easy to read format to help students easily remember key and must know chemistry materials Several example problems with solutions to study and follow Several practice multiple choice and short answer questions at the end of each lesson to test understanding of the materials 12 topics of Regents question sets and 3 most recent Regents exams to practice and prep for any Regents Exam This is the Home Edition of the book Also available in School Edition ISBN 978 197836229 The Home Edition contains an answer key section Teachers who want to recommend our Review Book to their students should recommend the Home Edition Students and and parents whose school is not using the Review Book as instructional material as well as homeschoolers should buy the Home Edition The School Edition does not have answer key in the book A separate answer key booklet is provided to teachers with a class order of the book Whether you are using the school or Home Edition our E3 Chemistry Review Book makes a great supplemental instructional and test prep resource that can be used from the beginning to the end of the school year PLEASE NOTE Although reading contents in both the school and home editions are identical there are slight differences in question numbers choices and pages between the two editions Students whose school is using the Review Book as instructional material SHOULD NOT buy the Home Edition Also available in paperback print

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