

Name _____

Period _____

Date Tuesday, November 1 2016

Periodic Trends

ATOMIC RADIUS

1. What trend in atomic radius do you see as you go down a group/family on the periodic table?
2. What causes this trend?
3. What trend in atomic radius do you see as you go across a period/row on the periodic table?
4. What causes this trend?
5. Circle the atom in each pair that has the largest atomic radius.
 - a) Al B
 - b) S O
 - c) Br Cl
 - d) Na Al
 - e) O F
 - f) Mg Ca

6. Put the following elements in order from smallest to largest atomic radius **and** explain why:
C, O, Sn, Sr.

ELECTRONEGATIVITY

7. Define electronegativity
8. How does the ionic radius of a nonmetal compare with its atomic radius?
9. What trend in electronegativity do you see as you go down a group/family on the periodic table?
10. What causes this trend?
11. What trend in electronegativity do you see as you go across a period/row on the periodic table?
12. What causes this trend?
13. Circle the atom in each pair that has the greater electronegativity.
 - a) Ca Ga
 - b) Li O
 - c) Cl S
 - d) Br As
 - e) Ba Sr
 - f) O S

GENERAL QUESTIONS

14. Which group tends to form +1 ions? _____
15. Which group tends to form +2 ions? _____
16. Which group tends to form -1 ions? _____
17. Which group tends not to form ions or react? _____

Periodic Trends Worksheet Answers

AN Whitehead



Periodic Trends Worksheet Answers:

Merrill Chemistry Robert C. Smoot, Smoot, Richard G. Smith, Jack Price, 1998 **Trends in Teaching Experimentation in the Life Sciences** Nancy J. Pelaez, Stephanie M. Gardner, Trevor R. Anderson, 2022-05-11 This book is a guide for educators on how to develop and evaluate evidence based strategies for teaching biological experimentation to thereby improve existing and develop new curricula It unveils the flawed assumptions made at the classroom department and institutional level about what students are learning and what help they might need to develop competence in biological experimentation Specific case studies illustrate a comprehensive list of key scientific competencies that unpack what it means to be a competent experimental life scientist It includes explicit evidence based guidelines for educators regarding the teaching learning and assessment of biological research competencies The book also provides practical teacher guides and exemplars of assignments and assessments It contains a complete analysis of the variety of tools developed thus far to assess learning in this domain This book contributes to the growth of public understanding of biological issues including scientific literacy and the crucial importance of evidence based decision making around public policy It will be beneficial to life science instructors biology education researchers and science administrators who aim to improve teaching in life science departments Chapters 6 12 14 and 22 are available open access under a Creative Commons Attribution 4 0 International License via link [springer.com](https://www.springer.com) **Hospitality and Travel Marketing** Alastair M. Morrison, 2022-10-27 Fully revised and updated for its fifth edition Hospitality and Travel Marketing provides students with an international and systematic approach to hospitality and travel marketing structured around planning research implementation control and evaluation Written in a user friendly style and structured in a logical and organized manner to aid learning students benefit from the ease of communication practical nature and excellent use of relevant and up to date cases The author's global experience in the industry is emphasized through content on hospitality and travel marketing and other parts of tourism along with a plethora of timely and relevant real life case examples from around the world This new fifth edition is positioned as a post COVID 19 text reflecting the new realities of marketing after the pandemic and has been updated to reflect these current trends in the field including e marketing mobile marketing societal marketing and destination branding It specifically has been updated by Including three new technology chapters on e marketing marketing on social media platforms electronic customer relationship management eCRM and customer co creation in marketing A new chapter on social responsibility societal and social marketing New content on the new realities of the post COVID era and the increasing competitiveness in hospitality and travel greater emphasis on branding disruptive technologies consumer control marketing and generations uses of user generated content and globalization New global case studies throughout with reflective questions to use in class or for self study New marketing and e marketing mini cases throughout the book New and updated additional resources to aid understanding and teaching including PowerPoint slides This international accessible and comprehensive whole industry

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U.S. News & World Report ,1992 *The Software Encyclopedia* ,1997 **Current Bibliography of Epidemiology** ,1977 Resources in Education ,1984 Progressive Architecture ,1992

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