

CHAPTER 24 NUCLEAR CHEMISTRY

Nuclear Chemistry

SECTION 1

ANSWER KEY: ANSWERS TO QUESTIONS AND PROBLEMS

1. _____
 - a. Uranium
 - b. Neptunium
 - c. Plutonium
 - d. They all have similar chemical properties.
2. _____
 - a. is a strong oxidizing agent.
 - b. is a strong reducing agent.
 - c. is a strong oxidizing agent.
 - d. is a strong reducing agent.
3. _____
 - a. number of protons.
 - b. number of protons.
 - c. number of electrons.
 - d. ratio of electrons to protons.
4. _____
 - a. number of neutrons in the nucleus increases.
 - b. number of protons in the nucleus increases.
 - c. number of protons and neutrons in the nucleus increases.
 - d. number of protons and neutrons in the nucleus decreases.
5. _____
 - a. number of protons in the nucleus increases.
 - b. number of protons in the nucleus decreases.
 - c. number of protons in the nucleus increases and the number of neutrons in the nucleus decreases.
 - d. number of protons in the nucleus decreases and the number of neutrons in the nucleus increases.
6. Based on Figure 24.1 of the text, which nuclide of ^{238}Pu , ^{239}Pu , or ^{240}Pu is
 - a. best for nuclear energy generation? _____
 - b. best suited as a nuclear fuel? _____
7. The number of neutrons in an atom of hydrogen-2 is _____.
8. The mass of the proton is _____ times that of the electron.

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Kaplan Test Prep



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General Chemistry Key Concise Review Guide Sixth Edition Darrell D. Ebbing, 1999 DAT Prep Plus 2023-2024 Kaplan Test Prep, 2023-05-02 Kaplan's DAT Prep Plus 2023 2024 provides the test taking strategies realistic practice and expert guidance you need to score higher on the Dental Admissions Test Our comprehensive subject review reflects recent changes to the blueprint of the exam question types and test interface You'll get two full length practice DATs and expert tips to help you face Test Day with confidence We're so confident that DAT Prep Plus offers all the knowledge you need to excel at the DAT that we guarantee it after studying with our online resources and book you'll score higher on the DAT or you'll get your money back The Best Review Two updated full length online practice exams for test like practice Study planning guidance More than 600 practice questions for every subject with detailed answers and explanations 12 page full color study sheets for high yield review on the go A guide to the current DAT Blueprint so you know exactly what to expect on Test Day Comprehensive review of all of the content covered on the DAT Expert Guidance Our books and practice questions are written by veteran teachers who know students every explanation is written to help you learn Kaplan's experts ensure our practice questions and study materials are true to the test We invented test prep Kaplan www.kaptest.com has been helping students for 80 years and our proven strategies have helped legions of students achieve their dreams **OAT Prep Plus 2019-2020** Kaplan Test Prep, 2018-12-04 Kaplan's OAT Prep Plus 2019 2020 provides the test taking strategies realistic practice and expert guidance you need to get the OAT results you want Our comprehensive updated subject review reflects recent changes to the blueprint of the exam question types and test interface You'll get two full length practice OATs and expert tips to help you face Test Day with confidence The Best Review Two updated full length online practice exams for test like practice Study planning guidance More than 600 practice questions for every subject with detailed answers and explanations Full color study sheets for high yield review on the go A guide to the current OAT Blueprint so you know exactly what to expect on Test Day Comprehensive review of all of the content covered on the OAT Expert Guidance Our books and practice questions are written by veteran teachers who know students every explanation is written to help you learn Kaplan's experts ensure our practice questions and study materials are true to the test We invented test prep Kaplan www.kaptest.com has been helping students for 80 years and our proven strategies have helped legions of students achieve their dreams The previous edition of this book was titled OAT 2017 2018 Strategies Practice Review DAT Prep Plus 2019-2020 Kaplan Test Prep, 2019-01-01 Kaplan's DAT Prep Plus 2019 2020 provides the test taking strategies realistic practice and expert guidance you need to score higher on the Dental Admissions Test Our comprehensive updated subject review reflects recent changes to the blueprint of the exam question types and test interface You'll get two full length practice DATs and expert tips to help you face Test Day with confidence The Best Review Two updated full length online practice exams for test like practice Study planning guidance More than 600 practice questions for every subject with detailed answers and explanations

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but will also appeal to all those involved in planning and managing the Red Sea its environment its resources and the countries which rely on its existence [The American Mineralogist](#) ,2014 Vols 34 40 1949 55 include Contributions to Canadian mineralogy v 5 pts 1 7 [New Scientist](#) ,1983 [Title List of Documents Made Publicly Available](#) U.S. Nuclear Regulatory Commission,1991 [Bibliography of Reviews in Chemistry](#) , **New Scientist and Science Journal** ,1983-07

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