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Visualize, Understand, Draw: A Revised Organic Chemistry Textbook ========== The Fifth Edition of Organic Chemistry, written by two expert teachers, aims to support various learning styles. With a new "Visualize, Understand, Draw" sections, students can draw molecules, visualize their formation, and comprehend why reactions occur. This revised edition prioritizes the basics while incorporating more problem-solving practice opportunities. The robust media package enables students to visualize organic chemistry concepts, making complex ideas more accessible. Organic chemistry is not limited to studying carbon or chemicals in living organisms. It encompasses the study of molecules containing the carbon-hydrogen (C-H) bond and their reactions. This field of study is vital for understanding life and its chemical reactions. Career opportunities abound, including careers in medicine, veterinary care, dentistry, pharmacy, engineering, and chemistry. Organic chemistry plays a significant role in developing everyday household chemicals, foods, plastics, drugs, and fuels. Organic chemists conduct research and development in laboratory settings, tackling projects like creating more effective painkillers, developing shampoo for silkier hair, making stain-resistant carpets, or finding non-toxic insect repellents. Numerade's goal is to enhance educational levels worldwide by providing video tutorials that can be used for years to come.The Fifth Edition of Organic Chemistry has been designed to support students from various learning styles, whether they prefer to read the book or use it as a reference. A unique feature of this edition is the "Visualise, Understand, Draw" sections that aid students in drawing molecules accurately, visualizing their formation, and grasping reaction mechanisms. To make the subject more accessible, the authors have focused on the fundamentals and provided ample opportunities for problem-solving practice. Additionally, a comprehensive media package helps students visualize complex concepts in organic chemistry. The textbook was written by experienced instructors Steven A. Fleming and Maitland Jones, who bring over 50 years of combined teaching experience to the table. They employ an engaging writing style that is both informative and interesting to read. The media resources include Organic Reaction Animations (ORA), a collection of over 50 organic reactions that are animated and visualized to facilitate student understanding. ORA provides four different representations for each reaction, allowing students to explore and interact with the material in various ways. To reinforce their learning, students can practice solving problems using the ORA Problems found at the end of most chapters. Each copy of the text comes with an access code to ORA, the e-book, and SmartWork, providing students with a comprehensive resource for mastering organic chemistry.