

Atomic Structure – Practice Worksheet

There is enough information given for each element to determine all missing numbers. Using your knowledge of the periodic table, complete the table below.

Symbol	Atomic Number	Mass Number	Number of Protons	Number of Electrons	Number of Neutrons
$^{23}\text{Na}^+$					
K^{1+}		39			
			13	10	14
F^{1-}					10
	26	56		26	30
	50			50	72
$^{131}\text{I}^{1-}$					
$^{26}\text{Mg}^{2+}$					
		109	47	46	
H	1	2		1	
^{36}S				18	
	26			23	30
$^{118}\text{Sn}^{2+}$				48	
	2	4		2	
Cr		53			

Atomic Structure Guided Practice Problem Answers

**Patrick E. McMahon, Rosemary
McMahon, Bohdan Khomtchouk**



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Survival Guide to General Chemistry Patrick E. McMahon, Rosemary McMahon, Bohdan Khomtchouk, 2019-02-13 This work evolved over thirty combined years of teaching general chemistry to a variety of student demographics. The focus is not to recap or review the theoretical concepts well described in the available texts. Instead, the topics and descriptions in this book make available specific detailed step by step methods and procedures for solving the major types of problems in general chemistry. Explanations, instructional process sequences, solved examples, and completely solved practice problems are greatly expanded, containing significantly more detail than can usually be devoted to in a comprehensive text. Many chapters also provide alternative viewpoints as an aid to understanding. Key Features: The authors have included every major topic in the first semester of general chemistry and most major topics from the second semester. Each is written in a specific and detailed step by step process for problem solving, whether mathematical or conceptual. Each topic has greatly expanded examples and solved practice problems containing significantly more detail than found in comprehensive texts. Includes a chapter designed to eliminate confusion concerning acid base reactions, which often persists through working with acid base equilibrium. Many chapters provide alternative viewpoints as an aid to understanding. This book addresses a very real need for a large number of incoming freshman in STEM fields. **(Free Sample) GO TO Objective NEET Chemistry Guide with DPP & CPP**

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