

Basic Atomic Structure

1. Label the parts of an atom in the diagram below



- What type of charge does a proton have? _____
- What type of charge does a neutron have? _____
- What type of charge does an electron have? _____
- Which two subatomic particles are located in the nucleus of an atom? _____

2. An element is represented by its chemical symbol along with a few numbers. Based on the example on the right, fill in the numbers of protons (P), neutrons (N), and electrons (E) for the following elements.

8	← Atomic Number
O	← Symbol
Oxygen	← Name
15.999	← Average atomic mass

6	#P _____
C	#N _____
Carbon	#E _____
12.011	

10	#P _____
Ne	#N _____
Neon	#E _____
20.108	

19	#P _____
K	#N _____
Potassium	#E _____
39.098	

3. Complete the table using your knowledge of the periodic table.

Symbol	Atomic Number	Mass Number	Number of Protons	Number of Electrons	Number of Neutrons
Na			11		12
K		39		19	
			38		50
F				9	10
	20	40		20	
	50			50	69
I	53	127			

Chapter 1 electrons In Atoms Practice Problems Answers

Wolfgang Guggemos



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The Top Books of the Year Chapter 1electrons In Atoms Practice Problems Answers The year 2023 has witnessed a noteworthy surge in literary brilliance, with numerous compelling novels captivating the hearts of readers worldwide. Lets delve into the realm of top-selling books, exploring the fascinating narratives that have captivated audiences this year.

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The novel begins with Richard Papen, a bright but troubled young man, arriving at Hampden College. Richard is immediately drawn to the group of students who call themselves the Classics Club. The club is led by Henry Winter, a brilliant and charismatic young man. Henry is obsessed with Greek mythology and philosophy, and he quickly draws Richard into his world. The other members of the Classics Club are equally as fascinating. Bunny Corcoran is a wealthy and spoiled young man who is always looking for a good time. Charles Tavis is a quiet and reserved young man who is deeply in love with Henry. Camilla Macaulay is a beautiful and intelligent young woman who is drawn to the power and danger of the Classics Club. The students are all deeply in love with Morrow, and they are willing to do anything to please him. Morrow is a complex and mysterious figure, and he seems to be manipulating the students for his own purposes. As the students become more involved with Morrow, they begin to commit increasingly dangerous acts. The Secret History is a brilliant and gripping novel that will keep you wondering until the very end. The novel is a cautionary tale about the dangers of obsession and the power of evil.

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