

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

# Chapter 4 Atomic Structure Practice Problems Answers

**Wenbin Ji**

A decorative graphic element consisting of a light blue horizontal bar with a rounded right end, and a red-to-white gradient semi-circle overlapping the right side of the bar.

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