

# Subatomic Particles Worksheet

(fill in the missing information)

Element	Atomic #	Atomic mass	# p <sup>+</sup>	# e <sup>-</sup>	#n <sup>0</sup>
magnesium			12		12
argon			18		22
helium				2	2
boron				5	6
chlorine			17		18
silicon		28		14	
fluorine		19	9		
hydrogen	1			1	0
oxygen	8			8	8
calcium		40		20	
lithium		7	3		
nitrogen	7				7
sodium		23			12
sulfur	16				16
beryllium		9		4	
neon			10		10
carbon	6		6		6
phosphorus		31	15		
potassium	19				20
aluminum		27	13		

# p<sup>+</sup> = atomic #    # n<sup>0</sup> = atomic mass - atomic #    # e<sup>-</sup> = #p<sup>+</sup>

Use the periodic table in your textbook to fill in the missing information

Part 1: Finding symbols for elements

ELEMENT	SYMBOL
copper	
lithium	
silicon	
zinc	
thorium	
krypton	
tin	
bismuth	
boron	
curium	

ELEMENT	SYMBOL
xenon	
barium	
platinum	
fluorine	
argon	
tungsten	
magnesium	
manganese	
silver	
radium	

Part 2: Finding elements for symbols

ELEMENT	SYMBOL
	Ge
	K
	V
	No
	In
	P
	As
	At
	Zr
	Lr

ELEMENT	SYMBOL
	S
	Se
	Sb
	Rh
	Ti
	Sc
	Po
	Pr
	Rn
	Y