

Atomic Structure Worksheet

Name: _____ Date: _____

Complete the table. There is enough information given for each element to determine all missing numbers.

Element	Number of Protons	Number of Neutrons	Number of Electrons	Atomic Mass	Atomic Number
lithium		4		7	
carbon		6			
chlorine		18		35	
silver	47	1			47
lead	82			207	82
calcium	20				20
tantalum		108	73	181	
radium	88		88		88
samarium	62		62		
uranium	92	146			
americium	95		95		
lawrencium	103				103

Which atomic particle determines the identity of the atom?