

Atomic Number and Mass Number



Name: _____ Period: _____

Complete the following chart and answer the questions below.

Element Name	Atomic Number	Number of Protons	Number of Neutrons	Mass Number
Carbon (C)				12
	8		8	
Hydrogen (H)				1
		6		14
Hydrogen-3 (H)			2	
Nitrogen (N)				14
			1	2
	92		146	
Cesium-137 (Cs)			82	
	11		12	
		47		108
Tungsten (W)			110	
			45	80
		24		52
			89	152
Silver-109 (Ag)				109
	76		114	

1. Describe the *3 subatomic particles* (charges and location) of an atom.

2. How are the *atomic number* and the *number of protons* related to each other?