

Name : _____ Date : _____

Atomic Structure Worksheet

Complete the table by using your knowledge of the periodic table. All elements are electrically neutral.

Element name	Symbol	Atomic Number	Mass Number	# of Protons	# of Electrons	# of Neutrons
Magnesium			24			
	Cs					78
		18				
	Ag					
Titanium						26
	Na	11	23			
	K		39		19	
				38		50
	F				9	10
		20	40		20	
		50			50	69
	I	53	127			
			102	44	44	
		1	1	1	1	
	S		32	16		

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Answers

Element name	Symbol	Atomic Number	Mass Number	# of Protons	# of Electrons	# of Neutrons
Magnesium	Mg	12	24	12	12	12
Cesium	Cs	55	133	55	55	78
Argon	Ar	18	40	18	18	22
Silver	Ag	47	107	47	47	60
Titanium	Ti	22	26	22	22	26
Sodium	Na	11	23	11	11	12
Potassium	K	19	39	19	19	20
Strontium	Sr	38	88	38	38	50
Fluorine	F	9	19	9	9	10
Calcium	Ca	20	40	20	20	20
Tin	Sn	50	119	50	50	69
Iodine	I	53	127	53	53	74
Ruthenium	Ru	44	102	44	44	58
Hydrogen	H	1	1	1	1	0
Sulfur	S	16	32	16	16	16