

Atomic Structure & Periodic Table

Complete the following table using the periodic table of elements.

Isotope name	Atomic number	Mass number	Number of protons	Number of neutrons	Number of electrons
Hydrogen - 2					
	2	4			
			4	5	
		7	3		
Chlorine - 35					
	19			20	
		24	12		
			41	52	
		107			47
	16			16	
Uranium - 235					
Scandium - 45		45		24	
			31	40	31
	46	106			
Xenon - 136					

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Answers

Isotope name	Atomic number	Mass number	Number of protons	Number of neutrons	Number of electrons
Hydrogen - 2	1	2	1	1	1
Helium - 4	2	4	2	2	2
Beryllium - 9	4	9	4	5	4
Boron - 7	3	7	3	4	3
Chlorine - 35	17	35	17	18	17
Potassium - 39	19	39	19	20	19
Magnesium - 24	12	24	12	12	12
Niobium - 93	41	93	41	52	41
Silver - 107	47	107	47	60	47
Sulfur - 32	16	32	16	16	16
Uranium - 235	92	235	92	143	92
Scandium - 45	21	45	21	24	21
Gallium - 71	31	71	31	40	31
Palladium - 106	46	106	46	60	46
Xenon - 136	54	136	54	82	54