

Isotopes

For each of the following elements, supply the missing information in the chart for the most common isotopes:

Element	# of Protons	# of Electrons	# of Neutrons	Mass #	Symbol
1.					${}_{4}^{9}\text{Be}$
2.	14				
3. Copper					
4. Argon					
5.					${}_{36}^{81}\text{Kr}$
6.		76			
7.					Mn
8. Strontium					
9.				119	
10.					Zn
11.					${}_{47}^{111}\text{Ag}$
12. Carbon					
13.					As
14.					${}_{24}^{49}\text{Cr}$
15.	42				

16. _____ What is the symbol for the isotope of uranium with 3 more neutrons than normal?

17. _____ What is the symbol for the isotope of silicon with 2 less neutrons than normal?

18. _____ What is the symbol for the isotope of Europium with 4 more neutrons than normal?