

Lab and Study Master 1.13a

Extension Activity—Using the Periodic Table

How I Am Being Assessed _____

Complete the following table by filling in the blanks. Use the periodic table at the back of your text to help you.

Remember: mass number – atomic number = number of neutrons

Element	Symbol	Atomic Number	Atomic Mass	Number of Protons	Number of Electrons	Number of Neutrons
1. hydrogen	H	1	1	1	1	0
2. neon	Ne	10	20	10	10	10
3. aluminium	Al	13	27	13	13	14
4. gold	Au	79	197	79	79	118
5. helium	He	2	4	2	2	2
6. iron	Fe	26	56	26	26	30
7. zinc	Zn	30	65	30	30	35
8. sulfur	S	16	32	16	16	16
9. calcium	Ca	20	40	20	20	20
10. chlorine	Cl	17	35	17	17	18
11. mercury	Hg	80	201	80	80	121
12. krypton	Kr	36	84	36	36	48
13. iodine	I	53	127	53	53	74
14. silicon	Si	14	28	14	14	14
15. uranium	U	92	238	92	92	146