

Chapter 10**STUDY GUIDE**

Use with Text Pages 284-291

The Periodic Table

1 H	2																13 B	14 C	15 N	16 O	17 F	18 Ne	
3 Li	4 Be																						
11 Na	12 Mg	3	4	5	6	7	8	9	10	11	12	13 Al	14 Si	15 P	16 S	17 Cl	18 Ar						
19 K	20 Ca	21 Sc	22 Ti	23 V	24 Cr	25 Mn	26 Fe	27 Co	28 Ni	29 Cu	30 Zn	31 Ga	32 Ge	33 As	34 Se	35 Br	36 Kr						
37 Rb	38 Sr	39 Y	40 Zr	41 Nb	42 Mo	43 Tc	44 Ru	45 Rh	46 Pd	47 Ag	48 Cd	49 In	50 Sn	51 Sb	52 Te	53 I	54 Xe						
55 Cs	56 Ba	57 La	72 Hf	73 Ta	74 W	75 Re	76 Os	77 Ir	78 Pt	79 Au	80 Hg	81 Tl	82 Pb	83 Bi	84 Po	85 At	86 Rn						
87 Fr	88 Ra	89 Ac	104 Rf	105 Ha	106 Sg	107 Ns	108 Hs	109 Mt	110 Uun	111 Uuu													

58 Ce	59 Pr	60 Nd	61 Pm	62 Sm	63 Eu	64 Gd	65 Tb	66 Dy	67 Ho	68 Er	69 Tm	70 Yb	71 Lu
90 Th	91 Pa	92 U	93 Np	94 Pu	95 Am	96 Cm	97 Bk	98 Cf	99 Es	100 Fm	101 Md	102 No	103 Lr

*Lanthanide series

#Actinide series

Use the periodic table above as needed to answer the following questions. Place your answers on the lines after the questions.

- List two types of information that are given in each box of this periodic table.
 - _____
 - _____
- In this table, where are the metals located? _____
- Where are the nonmetals located? _____
- What are the elements in Groups 3 through 12 called? _____
- What are the elements called that are next to the staircase-shaped line on the right side of the table? _____
- What do we call the letter or group of letters that represents an element? _____
- How many elements are included in the modern periodic table? _____
- What name is given to the elements in Group 18? _____
- What name is given to all vertical columns in this table? _____
- What name is given to each horizontal row in this table? _____