

Name _____ Period _____

College Prep Chemistry

Assignment 3F – Periodic Blocks and Families

20 Points

Define the following terms

Define Periodic Block	Define Periodic Family

For the following group of elements, write the name of each periodic block

Groups 1A, 2A, and Al	Metals in Center of Table + 3A/4A
Elements on the Zig-Zag Line	Groups 4A – 8A above zig-zag line
Rare Earth Elements, Top Row	Rare Earth Elements, Bottom Row

For the following periodic families, complete the chart below

Family Name	Group Number	Elements in Group	Family Name	Group Number	Elements in Group
Alkali Metals			Picogens		
Alkali Earth Metals			Chalcogens		
Earth Metals			Halogens		
Carbon Group			Noble Gases		

For the following elements determine the block and family the element is in (representative only)

Element	Block	Family (Rep. Only)	Element	Block
Nitrogen			Vanadium	
Aluminum			Silver	
Lithium			Cerium	
Fluorine			Uranium	

