

Exercise 5.2a

Periodic Nomenclature

Name: _____

Date: _____ Per: _____

DIRECTIONS: Label each group with its Roman numeral group number. Label each period with its period number. Add the stair step line to the periodic table. Write the names of the 4 families. Label each block. Shade the metals, non-metals and semi-metals.

Metals, Metalloids, and Non-Metals

Metals
 Non-Metals
 Metalloids (semi-metals)

_____ Block _____ Block _____ Block

_____ Series _____ Series

DIRECTIONS: List the properties of the metals, non-metals and semi-metals in the appropriate places.

Metals	Non-Metals	Metalloids (Semi-Metals)

DIRECTIONS: Answer the following in the space provided.

1. Which element belongs in its own family? _____
2. How many man-made elements appear on the periodic table? _____
3. Name the elements that are liquids at room temperature (25°C). _____
4. Consider three elements from a group on the periodic table in periods 2, 3, and 4. How is the density of the element in period 3 likely to compare to the densities of the elements in periods 2 and 4? _____