

Periodic Table Worksheet

Name: _____

Date: _____

- The periodic table is defined as _____
- _____ are substances that cannot be broken down into simpler stuff by any chemical means.
- Dmitri Mendeleev was a _____ scientist who set up the periodic table in the _____ century.
- Using Mendeleev's system elements with similar _____ properties fell into families or groups.
- The poor metals include aluminium, gallium, and numerous others that are somewhat good _____, but not as good as the true metals.
- Protons are found in the _____ of an atom.
- Metals are found on the _____ side of the table, while the nonmetals are found on the _____ side of the table.
- An element that is an alkali metal is _____.
- What is the octet rule? _____
- What is the common name for group 18? _____
Why do the elements of this group usually not form ions?
- Why do elements that make positive ions occur on the left side of the periodic table while those that make negative ions occur on the right? _____
- Predict the charges on ions of the following atoms.
Ra _____ As _____ Te _____ Cs _____ In _____ At _____ Ga _____

Group	Common Name	Charge on Ions of this Group
1		
2		
13 / 3A	-----	
16 / 6A	-----	
17 / 7A		

- Complete the following table.