Periodic Table Review Sheet

The valence electrons determine the _____ properties of the element. (1 pt)

- [A] physical
- [B] chemical
- [C] none of the above

Vertical columns on the periodic table are called _____. (1 pt)

- [A] periods
- [B] families
- [C] data

The elements to the left side of the periodic table are _____. (1 pt)

- [A] metalloids
- [B] non-metals
- [C] metals

The elements to the right side of the periodic table are _____. (1 pt)

- [A] metalloids
- [B] non-metals
- [C] metals

Of the following 3 elements, which is a metalloid food is life - Si, Na, Cl. (1 pt)

- [A] Cl
- [B] Si
- [C] Na

The number of electrons in the outermost energ6 y level are called the _____ electrons. (1 pt)

- [A] atomic mass
- [B] atomic number
- [C] valence

Mendeleev's periodic table was arranged in increasing order of the _____ of elements. (1 pt)

- [A] atomic mass
- [B] atomic number
- [C] none of the above

The elements in the modern periodic table are arranged in increasing order of _____ . (1 pt)

- [A] atomic mass
- [B] atomic number
- [C] none of the above

The number shown on the top part of each of the element squares in a periodic table is the _____. (1 pt)

- [A] atomic number
- [B] atomic mass
- [C] valence number

Horizontal rows in a periodic table are called ____. (1 pt)

- [A] periods
- [B] families
- [C] data

The scientist who developed the periodic table to predict the properties of unknown elements. (1 pt)

- [A] Mendeleev
- [B] Moseley
- [C] Bohr

A repeating pattern is said to be _____. (1 pt)

- [A] metallic
- [B] periodic
- [C] transition

The compounds of this element are used to make photographic film and paper. (1 pt)

- [A] Au
- [B] Ag
- [C] Cu

The elements in groups 3 through 12 are called the _____ elements. (1 pt)

- [A] rare earth
- [B] alkaline earth
- [C] transition

The element fluorine is a _____. (1 pt)

- [A] halogen
- [B] transition metal
- [C] noble gas

The elements to the right of the periodic table tend to _____ electrons. (1 pt)

- [A] lose
- [B] gain
- [C] none of the above

The number of electrons in the outermost energy level of an alkaline earth metal is ___. (1 pt)

- [A] one
- [B] two
- [C] seven

Family 1 elements are called as _____. (1 pt)

- [A] alkaline earth metals
- [B] halogens
- [C] alkali metals

The alkaline earth metal necessary for strong bones is _____. (1 pt)

- [A] Mg
- [B] Ba
- [C] Ca

Alkali metals are stored in ____. (1 pt)

- [A] mineral oil
- [B] water
- [C] air

Silicon is a _____. (1 pt)

- [A] metal
- [B] non metal
- [C] metalloid

Paint pigments are made from compounds of _____ elements. (1 pt)

- [A] rare earth
- [B] alkaline earth

- [C] transition

This is a liquid metal at room temperature. (1 pt)

- [A] Hg
- [B] Fe
- [C] W

The number of electrons in the outermost energy level of an alkali metal is _____. (1 pt)

- [A] two
- [B] one
- [C] seven

The second most abundant metal in the earth's crust is ____. (1 pt)

- [A] Al
- [B] Fe
- [C] Cu

Which three elements are known to create a magnetic field ? (1 pt)

- [A] Fe, Co, Ni
- [B] Fe, Cu, Ni
- [C] Fe, Mn, Co

The elements to the left of the periodic table tend to _____ electrons. (1 pt)

- [A] lose
- [B] gain
- [C] none of the above

Family 2 elements are called as _____. (1 pt)

- [A] alkaline earth metals
- [B] halogens
- [C] alkali metals

The alkali metals are ____. (1 pt)

- [A] highly reactive
- [B] inert
- [C] stable

Family 17 is known as the _____. (1 pt)

- [A] noble gases
- [B] halogens

- [C] alkali metals

The element that would have similar properties to Argon is _____. (1 pt)

- [A] Ne
- [B] N
- [C] Na