

Trends in Periodic Table (Worksheet)

For each of the following circle the correct element.

Metal Na P S

Nonmetal Li Zn O

Metalloid F Al Si

Halogen Cl He B

Noble gas Mg Ar Ag

Transitional metal K I Cu

Smallest ionization energy N P As

Largest atomic mass Sc Ca K

Member of the halogen family P F He

Greatest electron affinity Na C P

Largest atomic radius Ga B Si

Largest atomic number V Zn Cs

Member of noble gases Rb As Xe

4 energy levels Si Ge Sn

Member of alkali metals Na Mg Al

6 valence electrons As O Br

Member of transition metals Mo K Cl

Electron distribution ending in s^2p^1 Li Be B

Metalloid Sb Sr Sn

Gas at room temperature C N S

Electron distribution ending in s^2d^2 Ti Mg Sc

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Transitional metal K I **Cu**

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Largest atomic mass **Sc** Ca K

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6 valence electrons As **O** Br

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Electron distribution ending in s^2p^1 Li Be **B**

Metalloid **Sb** Sr Sn

Gas at room temperature C **N** S

Electron distribution ending in s^2d^2 **Ti** Mg Sc