## Trends in Periodic Table (Worksheet)

For each of the following circle the correct element. Metal Na S Nonmetal Li Zn 0 Metalloid F ΑI Halogen CI He В Noble gas Mg Ar Ag Transitional metal K - 1 Cu Smallest ionization energy Ρ Ν Largest atomic mass Sc Ca Member of the halogen family P He Greatest electron affinity Na C Largest atomic radius Ga В Largest atomic number Zn Member of noble gases Rb As 4 energy levels Si Ge Sn Member of alkali metals Na Mg 6 valence electrons As Br 0 Member of transition metals Mo CI Electron distribution ending in s<sup>2</sup>p<sup>1</sup> Li Be В Metalloid Sb Sr Sn Gas at room temperature С Electron distribution ending in s<sup>2</sup>d<sup>2</sup> Τi Mg Sc ChemistryLearner.com

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Metal Na P S  Nonmetal Li Zn O
Nonmetal Li Zn O
Metalloid F AI Si
Halogen CI 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 CI
Electron distribution ending in s <sup>2</sup> p <sup>1</sup> Li Be B
Metalloid Sb Sr Sn
Gas at room temperature C N S
Electron distribution ending in s <sup>2</sup> d <sup>2</sup> Ti Mg Sc