



The Periodic Table of Elements and Periodic Trends

Practice Questions

Directions: Choose the letter that corresponds to the correct answer.

- Which of the following can be considered as Dobereiner's triad?
 - He: 4.0, Li: 6.9, Na: 23.0
 - N: 14.0, P: 40.0, At: 217.0
 - Ne: 20.2, Ar: 39.9, Kr: 83.8
 - Ca: 40.1, Sr: 87.6, Ba: 137.3
- Which of the following elements does not belong to the group?
 - N
 - S
 - Po
 - Te
- Which of the following is/are TRUE about boron and oxygen?
 - both are metalloids
 - boron is smaller than oxygen
 - boron is more electronegative than oxygen
 - higher energy is required to eject an electron from the valence shell of boron
 - all of the above
 - none of the above

For 4 and 5, consider Na, Mg Al, and Si.

- The element that ejects one electron from its valence shell most readily is _____.
 - Na
 - Mg
 - Al
 - Si
- Which element has the most negative electron affinity?
 - Na
 - Mg



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To God be the glory!



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- g. Al
- h. Si



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