Classification of the Elements Group1

Write out the electron configuration for each set of elements:

1st set: H, Na, K

2nd set: Be, Ca, Sr

3rd set: Li, C, O

Discuss with your group the similarities and trends you see within each set of elements’ electron configurations.

Prepare to share with the class your ideas of the similarities and trends you discovered and how these can help classify the elements using the white board provided.

Classification of the Elements Group 2

Write out the electron configuration for each set of elements:

1st set: Li, Na, Rb

2nd set: Ne, Ar, Kr

3rd set: Na, Al, P

Discuss with your group the similarities and trends you see within each set of elements’ electron configurations.

Prepare to share with the class your ideas of the similarities and trends you discovered and how these can help classify the elements using the white board provided.

Classification of the Elements Group 3

Write out the electron configuration for each set of elements:

1st set: O, S, Se

2nd set: Be, Ca, Mg

3rd set: K, Ge, Br

Discuss with your group the similarities and trends you see within each set of elements’ electron configurations.

Prepare to share with the class your ideas of the similarities and trends you discovered and how these can help classify the elements using the white board provided.

Classification of the Elements Group 4

Write out the electron configuration for each set of elements:

1st set: N, P, As

2nd set: Li, B, F

3rd set: B, Al, Ga

Discuss with your group the similarities and trends you see within each set of elements’ electron configurations.

Prepare to share with the class your ideas of the similarities and trends you discovered and how these can help classify the elements using the white board provided.

Classification of the Elements Group 5

Write out the electron configuration for each set of elements:

1st set: H, Cs, K

2nd set: N, P, As

3rd set: Si, Cl, S

Discuss with your group the similarities and trends you see within each set of elements’ electron configurations.

Prepare to share with the class your ideas of the similarities and trends you discovered and how these can help classify the elements using the white board provided.