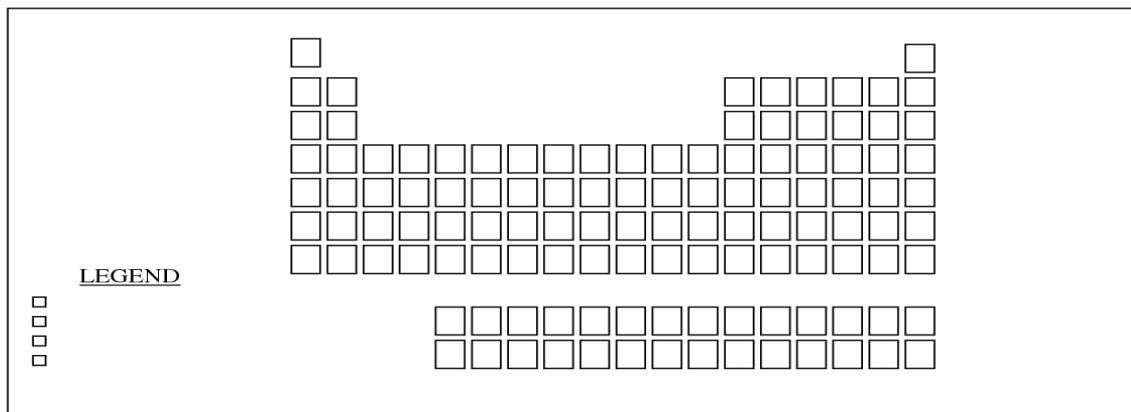


PERIODIC TABLE TRENDS WORKSHEET 1
ELECTRON CONFIGURATION BASED ON ELEMENT LOCATION ON
PERIODIC TABLE



1. Label the columns (groups) of the periodic table numerically 1-18 from left to right.
2. Label the rows of the periodic table above numerically 1-7 from top to bottom (do not number the Lanthanide or Actinide Series).
3. The Lanthanide Series are elements from row _____.
4. The Actinide Series are elements from row _____.
5. The row number of an element represents the outermost _____ where electrons reside in an element.
6. The location of an element on the periodic table represents the final _____ where electrons are located.
7. Elements in columns (groups) 1 and 2 represent elements whose outermost electrons are found in the _____ sublevel. Color these elements and reference this group on the legend.
8. Elements in columns (groups) 13-18 represent elements whose outermost electrons are found in the _____ sublevel. Color these elements a different color and reference this group on the legend.