

Practice with Lewis Dot Diagrams

Name: _____
Period: _____

Both Diagrams are important, but Lewis dot diagrams are better to use when predicting reactions.

Lewis dot diagrams (also called electron dot diagrams) are very simple to draw and include only the atomic symbol and the number of valence electrons placed around the symbol. Remember, valence electrons are the same number as the group number (except: all of the elements in group 1 have one valence electron, all of the elements in group 17 have 7 valence electrons (for the main, non transition metals))

In each of the spaces below, write the symbol and draw the valence electrons around it. Remember to pair them up properly (single, then double).



Lithium	Sulfur	Iron	Carbon
Strontium	Oxygen	Fluorine	Neon
Barium	Magnesium	Aluminum	Yttrium
Phosphorus	Silver	Chlorine	Argon