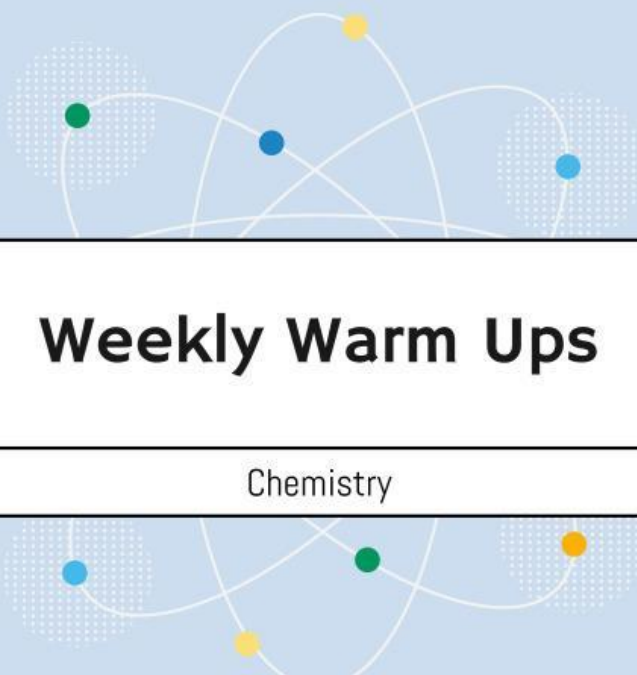




Weekly Warm Ups

Chemistry

Monday

None

Tuesday

None

Wednesday

1. What is a binary ionic compound?

- A binary ionic compound is a compound that contains _____ different types of ions.

2. Identify the ions:

- The two types of ions found in a binary ionic compound are _____ ions and _____ ions. An example of a _____ ion is _____, and an example of a _____ ion is _____.

3. Practice Writing:

- The formula for the binary ionic compound formed between sodium (Na) and chlorine (Cl) is _____.

Thursday

1. What would be the proper chemical formula for combining Al^{3+} and Cl^- :

1. AlCl_3
2. Al_3Cl
3. AlCl
4. Al_3Cl_3

2. When ions having a positive charge form bonds with ions having a negative charge, the charge on the resulting compound is:

Friday

Write the formulas from the following graphic

Name		Ions
cesium nitride	➡	Cs^+ N^{3-}
barium oxide	➡	Ba^{2+} O^{2-}
calcium phosphide	➡	Ca^{2+} P^{3-}
iron(III) phosphide	➡	Fe^{3+} P^{3-}
calcium fluoride	➡	Ca^{2+} F^-
tin(IV) oxide	➡	Sn^{4+} O^{2-}