

Chapter 20 – Chemical bonds

I Can Statements

I can...

1. identify an ionic bond by the type of elements present.
2. identify a covalent bond by the type of elements present.
3. identify a polyatomic ion.
4. distinguish between a binary and a ternary compound.
5. calculate the subscripts needed based on oxidation numbers.
6. recall the oxidation numbers for the different families on the periodic table.
7. formulate the name for ionic compounds.
8. formulate the name for covalent compounds.
9. know why metals lose electrons.
10. know why nonmetals gain electrons.
11. draw electron dot models.