

How are chemical compounds named?

Lesson Review

Write *true* if the statement is true. If the statement is false, change the underlined term to make the statement true. Write your answers in the spaces provided.

- _____ 1. A binary compound is made up of three different elements.
- _____ 2. An element can have more than one oxidation number.
- _____ 3. Sodium chloride is formed from the elements sodium and iron.
- _____ 4. In a binary compound, the name of the element with a positive oxidation number is written last.
- _____ 5. The oxidation number of iron(II) is 3+.
- _____ 6. A binary compound contains two different compounds bonded together.
- _____ 7. The name of the second element in a binary compound is changed to end in -ide.
- _____ 8. The name of a binary compound tells which elements are found in a molecule of the compound.
- _____ 9. Many metals have more than one oxidation number.
- _____ 10. A subscript following an element in the name of a compound shows the oxidation number of that element in the compound.

Skill Challenge

Skills: *identifying, applying concepts*

Complete the table below.

Compound	Element With Positive Oxidation Number	Oxidation Number
Mercury(II) bromide	1.	2.
Sodium chloride	3.	4.
Hydrogen chloride	5.	6.
Iron(III) chloride	7.	8.
Copper(II) chloride	9.	10.