

Name _____

AP Chemistry

Nomenclature Flashcard Activity

Directions:

1. Run through the flashcards each once showing **only the Symbols** and practice saying the names of the compounds.
2. Then Go through the cards again showing **only the Names** and have your partner say the chemical formulas
3. Finally, test your partner. Go through the cards again and have them write the names and formulas according to the spaces provided below.

1. Write the formulas for (5) ionic compounds

_____	_____	_____
_____	_____	_____

2. Write the names for (5) ionic compounds

_____	_____	_____
_____	_____	_____

3. Write the formulas for (6) acids

_____	_____	_____
_____	_____	_____

4. Write the names for (5) acids (include at least 5 polyatomics)

_____	_____	_____
_____	_____	_____
_____	_____	_____

5. Write the Greek derived for compounds that contain the following:

Copper (I) Ion

Copper (II)

Iron (II) Ion

Iron (III)

_____	_____	_____	_____
_____	_____	_____	_____

H⁺

Sr⁺²

Cu⁺

Sn⁺²

Cu⁺²

Fe⁺²

Mn⁺⁷

Au⁺³

K⁺

Ag⁺

Strontium ion

Hydrogen ion

Tin (II) ion

Copper (I) ion

Iron (II) ion

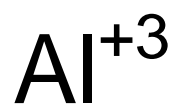
Copper (II) ion

Gold (III) ion

Manganese (VII) ion

Silver ion

Potassium ion



Sodium ion

Titanium (III) ion

Lithium ion

Calcium ion

Aluminum ion

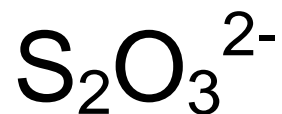
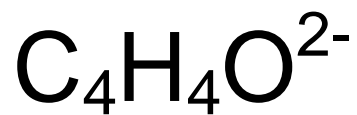
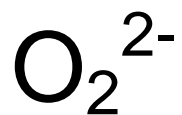
Cobalt (II) ion

Nickel (II) Ion

Barium Ion

Chromium (VI) Ion

Rubidium Ion



Sulfate

Permanganate

Sulfite

Carbonate

Phosphate

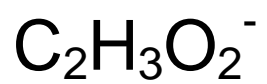
dichromate

Tartrate

Peroxide

Thiosulfate

Chromate



Perchlorate

Acetate

Cyanide

Hydrogen Carbonate

Hydroxide

Chlorate

Nitrate

Chlorite

Nitrite

Hypochlorite

