

# *Scientifictutor.org*

## **Significant Figures and Scientific Notation Worksheet**

1) Name the covalent compounds:



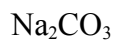
2) Name the ionic compounds:



3) Name the ionic compound with transition metals:



4) Name the ionic compounds with polyatomic ions:



5) Write the molecular formula for the covalent compounds:

Carbon Tetrachloride

Silicon Diphosphide

6) Write the molecular formula for the ionic compounds:

Potassium Bromide

Calcium Fluoride

7) Write the molecular formula for the ionic compounds with transition metals:

Iron (II) Sulfide

Manganese (III) Oxide

8) Write the molecular formula for the ionic compounds with polyatomic ions:

Sodium Phosphate

Barium Hydroxide

9) Name the chemicals below:

$\text{Se}_2\text{O}$

$\text{Si}_6\text{Cl}_7$

$\text{MgSO}_3$

$\text{Ca}(\text{NO}_3)_2$

$\text{CrO}_2$

$\text{CuF}$

$\text{PN}$

$\text{RbC}_2\text{H}_3\text{O}_2$

$\text{BeF}_2$

$\text{VBr}_3$

$\text{Sr}_3(\text{PO}_4)_2$

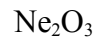
$\text{K}_2\text{S}$

$\text{PdSe}$

$\text{BCl}_3$

$\text{Cr}(\text{NO}_2)_2$

$\text{NH}_4\text{I}$



10) Give the chemical formula for the names below:

Titanium (III) Bromide

Strontium Oxide

Pentakrypton Tetrarselenide

Sodium Sulfate

Lead (IV) Phosphide

Beryllium Chloride

Carbon Monoxide

Cobalt (II) Phosphite

Lithium Nitride

Phosphorus Trifluoride

Aluminum Oxide

Calcium Acetate

Decatellurium octargide

Nickel (II) Hydroxide