

Answers!

Naming Practice!!

Name the following compounds

1. CrO

Chromium(II) oxide

2. K₂O

Potassium oxide

3. MnCl₂

Manganese(II) Chloride

4. BeF₂

Beryllium Fluoride

5. ICl₃

Iodine trichloride

6. SiF₄

Silicon tetrafluoride

7. Mn₂S₃

Manganese(III) Sulfide

8. CuCl

Copper (I) Chloride

9. H₂O

dihydrogen monoxide

10. P₂O₅

diphosphorus pentoxide

Name these polyatomic ions

1. OH¹⁻

hydroxide

2. SO₄²⁻

Sulfate

3. CO₃²⁻

Carbonate

4. PO₄³⁻

phosphate

5. NO₃¹⁻

Nitrate

6. NO₂¹⁻

Nitrite

7. C₂H₃O₂¹⁻

acetate

8. SO₃²⁻

Sulfite

Write the correct formula for these compounds

1. iron III-oxide

Fe₂O₃

2. nitrogen dioxide

NO₂

3. lithium ~~hydride~~ ^{hydroxide}



5. potassium sulfide



7. manganese III chloride



9. carbon tetra hydride



4. mercury I bromide



6. iron II oxide



8. chromium III bromide



10. copper II iodide



Write the correct name for the following

1. Na_2CO_3

Sodium Carbonate

2. $\text{Mg}(\text{OH})_2$

Magnesium hydroxide

3. CaSO_4

Calcium Sulfate

4. $\text{Fe}(\text{NO}_3)_3$

Iron (III) nitrate

5. $\text{Mn}_2(\text{SO}_4)_3$

Manganese III Sulfate

6. $(\text{NH}_4)_2\text{O}$

Ammonium oxide

Write the correct formula for the following

1. sodium sulfate



2. calcium nitrate



3. ammonium phosphate



4. Copper II acetate

