

# Naming Ionic Compounds Worksheet

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Name the Following Ionic Compounds

1. NaF →
2. Hg<sub>2</sub>Cl<sub>2</sub> →
3. CuO →
4. KNO<sub>3</sub> →
5. Ca(OH)<sub>2</sub> →
6. AuCl<sub>3</sub> →
7. Ca<sub>3</sub>(PO<sub>4</sub>)<sub>2</sub> →
8. KMnO<sub>4</sub> →
9. Al(OH)<sub>3</sub> →
10. FeSO<sub>4</sub> →
11. FeCl<sub>3</sub> →
12. NH<sub>4</sub>Cl →
13. NiBr<sub>3</sub> →
14. Fe<sub>2</sub>O<sub>3</sub> →
15. (NH<sub>4</sub>)<sub>3</sub>PO<sub>4</sub> →
16. Mg(NO<sub>2</sub>)<sub>2</sub> →
17. SnSe<sub>2</sub> →
18. Zn<sub>3</sub>(PO<sub>4</sub>)<sub>2</sub> →
19. CaC<sub>2</sub>O<sub>4</sub> →
20. CuC<sub>2</sub>H<sub>3</sub>O<sub>2</sub> →

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## Answers

1.  $\text{NaF}$  → Sodium Fluoride
2.  $\text{Hg}_2\text{Cl}_2$  → Mercurous Chloride or Mercury(I) Chloride
3.  $\text{CuO}$  → Cupric Oxide or Copper (II) Oxide
4.  $\text{KNO}_3$  → Potassium Nitrate
5.  $\text{Ca}(\text{OH})_2$  → Calcium Hydroxide
6.  $\text{AuCl}_3$  → Auric Chloride or Gold(III) Chloride
7.  $\text{Ca}_3(\text{PO}_4)_2$  → Calcium Phosphate
8.  $\text{KMnO}_4$  → Potassium Permanganate
9.  $\text{Al}(\text{OH})_3$  → Aluminium Hydroxide
10.  $\text{FeSO}_4$  → Ferrous Sulphate or Iron(II) Sulphate
11.  $\text{FeCl}_3$  → Ferric Chloride or Iron(III) Chloride
12.  $\text{NH}_4\text{Cl}$  → Ammonium Chloride
13.  $\text{NiBr}_3$  → Nickel Bromide
14.  $\text{Fe}_2\text{O}_3$  → Ferric Oxide or Iron(III) Oxide
15.  $(\text{NH}_4)_3\text{PO}_4$  → Ammonium Phosphate
16.  $\text{Mg}(\text{NO}_2)_2$  → Magnesium Nitrite
17.  $\text{SnSe}_2$  → Stannic Selenide or Tin(IV) Selenide
18.  $\text{Zn}_3(\text{PO}_4)_2$  → Zinc Phosphate
19.  $\text{CaC}_2\text{O}_4$  → Calcium Oxalate
20.  $\text{CuC}_2\text{H}_3\text{O}_2$  → Cuprous Acetate or Copper(I) Acetate