

Naming Ionic Compounds Practice Worksheet

Name the following ionic compounds:

- 1) NH₄Cl _____
- 2) Fe(NO₃)₃ _____
- 3) TiBr₃ _____
- 4) Cu₃P _____
- 5) SnSe₂ _____
- 6) GaAs _____
- 7) Pb(SO₄)₂ _____
- 8) Be(HCO₃)₂ _____
- 9) Mn₂(SO₃)₃ _____
- 10) Al(CN)₃ _____

Write the formulas for the following compounds:

- 11) chromium (VI) phosphate _____
- 12) vanadium (IV) carbonate _____
- 13) tin (II) nitrite _____
- 14) cobalt (III) oxide _____
- 15) titanium (II) acetate _____
- 16) vanadium (V) sulfide _____
- 17) chromium (III) hydroxide _____
- 18) lithium iodide _____
- 19) lead (II) nitride _____
- 20) silver bromide _____

Naming Ionic Compounds Practice Worksheet - Solutions

Name the following ionic compounds:

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|-----|---|-------------------------|
| 1) | NH ₄ Cl | ammonium chloride |
| 2) | Fe(NO ₃) ₃ | iron (III) nitrate |
| 3) | TiBr ₃ | titanium (III) bromide |
| 4) | Cu ₃ P | copper (I) phosphide |
| 5) | SnSe ₂ | tin (IV) selenide |
| 6) | GaAs | gallium arsenide |
| 7) | Pb(SO ₄) ₂ | lead (IV) sulfate |
| 8) | Be(HCO ₃) ₂ | beryllium bicarbonate |
| 9) | Mn ₂ (SO ₃) ₃ | manganese (III) sulfite |
| 10) | Al(CN) ₃ | aluminum cyanide |

Write the formulas for the following compounds:

- | | | |
|-----|--------------------------|--|
| 11) | chromium (VI) phosphate | Cr(PO ₄) ₂ |
| 12) | vanadium (IV) carbonate | V(CO ₃) ₂ |
| 13) | tin (II) nitrite | Sn(NO ₂) ₂ |
| 14) | cobalt (III) oxide | Co ₂ O ₃ |
| 15) | titanium (II) acetate | Ti(C ₂ H ₃ O ₂) ₂ |
| 16) | vanadium (V) sulfide | V ₂ S ₅ |
| 17) | chromium (III) hydroxide | Cr(OH) ₃ |
| 18) | lithium iodide | LiI |
| 19) | lead (II) nitride | Pb ₃ N ₂ |
| 20) | silver bromide | AgBr |