

Give the name of the following compounds

1. CaCl_2 _____
2. MgO _____
3. NaBr _____
4. Al_2O_3 _____
5. BaS _____
6. ZnSe _____
7. Ag_2S _____
8. SrF_2 _____
9. CdH_2 _____
10. Be_3P_2 _____

fold here

ANSWERS

Give the formula for the following compounds:

1. potassium iodide _____
2. aluminum chloride _____
3. lithium nitride _____
4. barium fluoride _____
5. rubidium phosphide _____
6. silver bromide _____
7. magnesium hydride _____
8. zinc sulfide _____
9. strontium arsenide _____
10. indium oxide _____
11. erbium nitride _____

calcium chloride

magnesium oxide

sodium bromide

aluminum oxide

barium sulfide

zinc selenide

silver sulfide

strontium fluoride

cadmium hydride

beryllium phosphide

KI

AlCl_3

Li_3N

BaF_2

Rb_3P

AgBr

MgH_2

ZnS

Sr_3As_2

In_2O_3

ErN

Naming Compounds / Giving Formula of Simple Ionic Compounds with Multi-valent Metal Ions

naming wkst B

Need Roman Numerals I = +1 II = +2 III = +3 IV = +4 V = +5 VI = +6 VII = +7

Give the formula of the following compounds

fold here

ANSWERS

1. gold (III) chloride _____
2. gold (I) chloride _____
3. nickel (II) phosphide _____
4. nickel (III) phosphide _____
5. antimony (III) sulfide _____
6. antimony (V) sulfide _____
7. platinum (IV) iodide _____
8. tin (II) nitride _____
9. cobalt (III) oxide _____
10. rhenium (VII) oxide _____

AuCl₃

AuCl

Ni₃P₂

NiP

Sb₂S₃

Sb₂S₅

PtI₄

Sn₃N₂

Co₂O₃

Re₂O₇

Give the name of the following compounds

ANSWERS

1. FeBr₂ _____
2. FeBr₃ _____
3. Cr₃N₂ _____
4. CrN _____
5. PbF₂ _____
6. PbF₄ _____
7. CuS _____
8. Cu₂S _____
9. MnO _____
10. MnO₂ _____
11. PuCl₆ _____

iron (II) bromide

iron (III) bromide

chromium (II) nitride

chromium (III) nitride

lead (II) fluoride

lead (IV) fluoride

copper (II) sulfide

copper (I) sulfide

manganese (II) oxide

manganese (IV) oxide

plutonium (VI) chloride