

Answers to Unit 1 Practice Problems

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- (a) aluminum iodide
(b) sodium oxide
(c) magnesium phosphide
(d) silver iodide
(e) calcium selenide
(f) potassium sulphide
(g) rubidium fluoride
(h) silver nitride
(i) potassium bromide
(j) strontium phosphide
(k) cadmium sulphide
(l) silver oxide
(m) cesium sulphide
(n) calcium iodide
(o) sodium fluoride

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- (a) LiCl
(b) CaF₂
(c) Na₂S
(d) CaS
(e) Al₂O₃
(f) AlN
- (a) LiF
(b) Ag₂S
(c) MgCl₂
(d) ZnO
(e) Li₂O
(f) AlI₃
(g) Ba₃P₂
(h) AlP
(i) Rb₂Se
(j) Sr₃N₂
(k) Cs₂S
(l) Na₃N
(m) Zn₃P₂
(n) CaO

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- (a) CrCl₂
(b) CrCl₃
(c) Cu₂S
(d) CuI
(e) Fe₃P₂
(f) FeP
(g) MnO
(h) MnO₂
(i) HgBr₂
(j) SnS
(k) Sn₃N₂
(l) Sn₃N₄
(m) Cu₃N
(n) PbCl₄

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- (a) chromium(II) bromide
(b) chromium(III) bromide
(c) iron(II) iodide
(d) iron(III) iodide
(e) lead(II) fluoride
(f) lead(IV) fluoride
(g) manganese(II) oxide
(h) lead(II) sulphide
(i) iron(III) oxide
(j) mercury(II) phosphide
(k) mercury(II) nitride
(l) mercury(II) iodide
(m) manganese(II) sulphide
(n) manganese(IV) sulphide
(o) tin(IV) phosphide

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- (a) sodium acetate
(b) calcium acetate
(c) chromium(III) acetate
(d) aluminum hydroxide
(e) chromium(III) hydroxide
(f) ammonium phosphide
(g) ammonium phosphate
(h) calcium sulphate
(i) magnesium phosphate
(j) barium phosphate
- (a) Na₂CrO₄
(b) KMnO₄
(c) Li₂Cr₂O₇
(d) NaOH
(e) Mg(OH)₂
(f) NH₄NO₃
(g) Sn(OH)₂
(h) Pb(OH)₂
(i) Al(NO₃)₃
(j) Mn(SO₄)₂