

Name: _____

Date: _____

[5 pt] 1. Name the following molecules:

(a) NaBr 1(a) _____

(b) MgF₂ 1(b) _____(c) Al₂(SO₃)₃ 1(c) _____(d) (NH₄)₂SO₄ 1(d) _____(e) Ca(OH)₂ 1(e) _____

[5 pt] 2. Write the formula for the following molecules:

(a) Strontium Fluoride 2(a) _____

(b) Magnesium Phosphate 2(b) _____

(c) Aluminum Hydroxide 2(c) _____

(d) Lithium Sulfate 2(d) _____

(e) Magnesium Sulfite 2(e) _____

[5 pt] 3. Name the following molecules:

(a) Sb₂(S₂O₃)₅ 3(a) _____(b) Au(IO₂)₂ 3(b) _____(c) V(CN)₃ 3(c) _____(d) Pb₂C₂O₄ 3(d) _____(e) Hg(PO₄)₂ 3(e) _____

[5 pt] 4. Write the formula for the following molecules:

(a) Vanadium (VI) Sulfate 4(a) _____

(b) Copper (II) Nitrite 4(b) _____

(c) Mercury (III) Carbonate 4(c) _____

(d) Arsenic (V) Chlorate 4(d) _____

(e) Chromium (II) Thiosulfate 4(e) _____

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[10 pt] 5. Name the following molecules:

(a) $\text{Co}(\text{Cr}_2\text{O}_7)_2$ 5(a) _____

(b) VClO_3 5(b) _____

(c) AgCl 5(c) _____

(d) $\text{Mn}(\text{CO}_3)_2$ 5(d) _____

(e) CuF_2 5(e) _____

(f) NiS_2O_3 5(f) _____

(g) $\text{Pb}(\text{MnO}_4)_5$ 5(g) _____

(h) Au_2SO_4 5(h) _____

(i) $\text{Sc}_2(\text{SO}_4)_3$ 5(i) _____

(j) $\text{Cr}_3(\text{PO}_4)_2$ 5(j) _____

[10 pt] 6. Write the formula for the following molecules:

(a) Calcium Arsenate 6(a) _____

(b) Silver Chromate 6(b) _____

(c) Titanium (II) Hydrogen Phosphate 6(c) _____

(d) Manganese (IV) Oxide 6(d) _____

(e) Antimony (V) Phosphate 6(e) _____

(f) Sodium Acetate 6(f) _____

(g) Iron (III) Dichromate 6(g) _____

(h) Cadmium Dichromate 6(h) _____

(i) Titanium (IV) Oxide 6(i) _____

(j) Lead (VI) Carbonate 6(j) _____