
When you are done, grade yourself using the answer key on the next page. To be well prepared for Exam #1, you should be scoring $\geq 85\%$ on your naming practice.

Converting from name to formula

- 1) What is the formula for manganese (II) hydroxide?
 A) MgOH B) MnOH C) Mg(OH)₂ D) Mn(OH)₂ E) Mg₃(OH)₂
 - 2) What is the formula for dinitrogen trioxide?
 A) N₃O₂ B) N₂O₃²⁻ C) NO₃⁻ D) N₂O₃ E) NO₂⁻
 - 3) What is the formula for bromic acid?
 A) HBr(aq) B) HBrO₂(aq) C) HBrO₃(aq) D) H₂BrO₂(aq) E) H₂BrO₃(aq)
 - 4) What is the formula for zinc nitrite?
 A) Zn₃N₂ B) ZnNO₂ C) ZnNO₃ D) Zn(NO₃)₂ E) Zn(NO₂)₂
 - 5) What is the formula for aluminum chromate?
 A) Al₂(CrO₄)₃ B) Al(CrO₄)₃ C) Al₃(CrO₄)₂ D) Al₃(CrO₃)₂ E) Al₂(CrO₃)₃
 - 6) What is the formula for carbon tetrafluoride?
 A) CF B) CF₂ C) CF₃ D) CF₄ E) C₂F₃
 - 7) What is the formula for copper (II) sulfite?
 A) Cu₂(SO₄)₃ B) CuSO₃ C) Cu₃(SO₄)₂ D) CuSO₄ E) Cu₃(SO₃)₂
 - 8) What is the formula for perchloric acid?
 A) HCl(aq) B) HClO₃(aq) C) H₂ClO₃(aq) D) HClO₄(aq) E) H₂ClO₄(aq)
 - 9) What is the formula for tin (IV) acetate?
 A) Ti(C₂O₄)₂ B) Ti(C₂H₃O₂)₂ C) Sn(C₂O₄)₄ D) Sn(C₂H₃O₂)₂ E) Sn(C₂H₃O₂)₄
 - 10) What is the formula for ammonium phosphite?
 A) NH₄PO₄ B) (NH₄)₃PO₃ C) (NH₄)₃(PO₃)₂ D) (NH₄)₃PO₄ E) (NH₄)₃(PO₄)₂
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Converting from formula to name

- 11) What is the name of NiHPO₄?
 A) nickel(III) hydrophosphate B) nickel phosphate C) nickel(II) hydrogen phosphate
 D) nickel(II) phosphate E) nickel(III) hydrogen phosphate
- 12) What is the name of CsIO₄?
 A) cesium(I) periodite B) cesium periodate C) cesium hypoiodite
 D) cesium periodite E) cesium (II) iodite
- 13) What is the name of Pb(CN)₂?
 A) lead dicyanite B) lead(II) cyanate C) lead(II) cyanide
 D) lead(IV) cyanide E) lead cyanide

- 14) What is the name of HBr (aq) ?
 A) hydrobromic acid B) bromous acid C) hypobromous acid
 D) bromic acid E) hydrogen bromic acid
- 15) What is the name of P_2O_5 ?
 A) phosphorus oxide B) biphosphate C) diphosphate pentoxide
 D) diphosphorous pentoxide E) biphosphorus oxide
- 16) What is the name of $\text{K}_2\text{Cr}_2\text{O}_7$?
 A) potassium dichromate B) potassium(I) chromate C) potassium(IV) dichromate
 D) potassium chromate E) potassium(II) perchromate
- 17) What is the name of $\text{Fe}_2(\text{S}_2\text{O}_3)_3$?
 A) iron(II) sulfate B) iron bisulfate C) iron(III) bisulfate
 D) iron(II) bisulfite E) iron(III) thiosulfate
- 18) What is the name of CO ?
 A) carbonate B) monocarbon monoxide C) carbon monooxygen
 D) carbon monoxide E) carbide monooxygen
- 19) What is the name of Li_2O ?
 A) dilithium monoxide B) lithium oxide C) lithium(II) monoxide
 D) lithium(I) oxide E) lithium(II) peroxide
- 20) What is the name of H_2SO_4 (aq)?
 A) hydrogen sulfate acid B) sulfurous acid C) hydrogen sulfurous acid
 D) hydrosulfuric acid E) sulfuric acid

Answers (5 pt each; 100 pt total)

1) D	2) D	3) C	4) E	5) A
6) D	7) B	8) D	9) E	10) B
11) C	12) B	13) C	14) A	15) D
16) A	17) E	18) D	19) B	20) E