

Naming Acids and Bases

Name the following acids and bases:

- 1) NaOH
- 2) H₂SO₃
- 3) H₂S
- 4) H₃PO₄
- 5) NH₃
- 6) HCN
- 7) Ca(OH)₂
- 8) Fe(OH)₃
- 9) H₃P

Write the formulas of the following acids and bases:

- 10) hydrofluoric acid
- 11) hydroselenic acid
- 12) carbonic acid
- 13) lithium hydroxide
- 14) nitrous acid
- 15) cobalt (II) hydroxide
- 16) sulfuric acid
- 17) beryllium hydroxide
- 18) hydrobromic acid

All acids have Hydrogen. Bases have Hydroxide.

Naming Acids and Bases Answers

Name the following acids and bases:

- B 1) NaOH sodium hydroxide
A 2) H₂SO₃ sulfurous acid (sulfite)
A 3) H₂S hydrosulfuric acid (no oxygen)
A 4) H₃PO₄ phosphoric acid (phosphate)
B 5) NH₃ ammonia (like NH₄⁺)
A 6) HCN hydrocyanic acid (no oxygen)
B 7) Ca(OH)₂ calcium hydroxide (column 2)
B 8) Fe(OH)₃ iron (III) hydroxide (criss cross)
A 9) H₃P hydrophosphoric acid (no oxygen)

Write the formulas of the following acids and bases:

- A 10) hydrofluoric acid HF H⁺F⁻ (No oxygen)
A 11) hydroselenic acid H₂Se H⁺Se²⁻
A 12) carbonic acid H₂CO₃ H⁺CO₃²⁻ (carbonate)
B 13) lithium hydroxide LiOH Li⁺OH⁻ (criss cross)
A 14) nitrous acid HNO₂ H⁺NO₂⁻ (nitrite)
B 15) cobalt (II) hydroxide Co(OH)₂ Co²⁺OH⁻ (criss cross)
A 16) sulfuric acid H₂SO₄ H⁺SO₄²⁻ (sulfate)
B 17) beryllium hydroxide Be(OH)₂ Be²⁺OH⁻ (criss cross)
A 18) hydrobromic acid HBr H⁺Br⁻ (no oxygen)