

MIXED NAMING WORKSHEETS

1. Name the following ionic compounds:

a) NaBr

b) CaO

c) Li₂S

2. Write the formulas for the following ionic compounds:

a) potassium iodide

b) magnesium oxide

c) aluminum chloride

3. Write the names of the following covalent compounds:

a) SO₃

b) N₂S

c) PH₃

4. Write the formulas of the following covalent compounds:

a) nitrogen trichloride

b) boron carbide

c) dinitrogen trioxide

5. Name the following acids:

a) H₃PO₄

b) HI

c) H₂SO₄

6. Write the formulas of the following acids:

a) Chlorous acid

b) Perchromic acid

c) Nitrous acid

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Answers

1. Name the following ionic compounds:

a) NaBr sodium bromide

b) CaO calcium oxide

c) Li₂S lithium sulfide

2. Write the formulas for the following ionic compounds:

a) potassium iodide KI

b) magnesium oxide MgO

c) aluminum chloride AlCl₃

3. Write the names of the following covalent compounds:

a) SO₃ sulfur trioxide

b) N₂S dinitrogen sulfide

c) PH₃ phosphorus trihydride

4. Write the formulas of the following covalent compounds:

a) nitrogen trichloride NCl₃

b) boron carbide BC

c) dinitrogen trioxide N₂O₃

5. Name the following acids:

a) H₃PO₄ Phosphoric acid

b) HI Hydroiodic acid

c) H₂SO₄ Sulfurous acid

6. Write the formulas of the following acids:

a) Chlorous acid HClO₂

b) Perchromic acid H₂CrO₃

c) Nitrous acid HNO₂