

Part 1 : Naming and writing formulas

For each of the following questions, determine whether the compound is ionic or covalent and name it appropriately.

- 1) Na_2CO_3 _____
- 2) P_2O_5 _____
- 3) NH_3 _____
- 4) FeSO_4 _____
- 5) SiO_2 _____
- 6) GaCl_3 _____
- 7) CoBr_2 _____
- 8) B_2H_4 _____
- 9) CO _____
- 10) P_4 _____

For each of the following questions, determine whether the compound is ionic or covalent and write the appropriate formula for it.

- 11) dinitrogen trioxide _____
- 12) nitrogen gas _____
- 13) carbon tetra chloride _____
- 14) lithium acetate _____
- 15) phosphorus trifluoride _____
- 16) vanadium (V) oxide _____
- 17) aluminum hydroxide _____
- 18) zinc sulfide _____
- 19) silicon tetrafluoride _____
- 20) silver phosphate _____