Write the formulas of the following *covalent* compounds:

31) nitrogen trichloride **NCl_3**

32) boron carbide **BC**

33) dinitrogen trioxide **N_2O_3**

34) phosphorus pentafluoride **PF_5**

35) methane **CH_4**

36) sulfur dibromide **SBr_2**

37) diboron tetrahydride **B_2H_4**

38) oxygen difluoride **OF_2**

39) carbon disulfide **CS_2**

40) nitrogen monoxide **NO**

Write the formulas for the following covalent compounds:

1) antimony tribromide _____

2) hexaboron silicide _____

3) chlorine dioxide _____

4) hydrogen iodide _____

5) iodine pentafluoride _____

6) dinitrogen trioxide _____

7) ammonia _____

8) phosphorus triiodide _____