

## Naming and Writing Formulas of Covalent Compounds

Part 1 - Write the formulas for the following compounds:

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|------------------------------------|-------------------------------------|
| a) diphosphorous trioxide $P_2O_3$ | i) phosphorus pentaselenide $PSe_5$ |
| b) sulphur trioxide $SO_3$         | j) dinitrogen monoxide $N_2O$       |
| c) nitrogen dioxide $NO_2$         | k) Tellurium dichloride $TeCl_2$    |
| d) carbon tetrabromide $CBr_4$     | l) di-iodine pentoxide $I_2O_5$     |
| e) boron tri-iodide $BI_3$         | m) trisilicon dinitride $Si_3N_2$   |
| f) tellurium monoxide $TeO$        | n) carbon tetrafluoride $CF_4$      |
| g) silicon tetra-astenide $SiAt_4$ | o) radon hexafluoride $RnF_6$       |
| h) selenium hexafluoride $SeF_6$   |                                     |

Part 2 - Write the names of the following compounds:

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|-------------------------------------|---------------------------------------|
| a) $Cl_2O_7$ dichlorine heptaoxide  | f) $NO_2$ nitrogen dioxide            |
| b) $S_2O_4$ disulphur tetra-oxide   | g) $CO$ carbon monoxide               |
| c) $KrF_4$ Krypton tetrafluoride    | h) $BF_3$ boron trifluoride           |
| d) $P_2O_5$ diphosphorus pentaoxide | i) $Cl_2S_7$ dichlorine heptasulphide |
| e) $NI_3$ nitrogen tri-iodide       | j) $XeCl_6$ Xenon hexachloride        |