

Molecular Compounds: Names and Formulas Worksheet

1. Write the formulas for the following compounds.

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|--------------------------|-------|-----------------------------|-------|
| (a) carbon dioxide | _____ | (k) diphosphorus trioxide | _____ |
| (b) silicon dioxide | _____ | (l) nitrogen monoxide | _____ |
| (c) water | _____ | (m) chlorine dioxide | _____ |
| (d) carbon disulfide | _____ | (n) dinitrogen oxide | _____ |
| (e) sulfur trioxide | _____ | (o) carbon monoxide | _____ |
| (f) ammonia | _____ | (p) arsenic tribromide | _____ |
| (g) carbon tetrachloride | _____ | (q) phosphorus pentabromide | _____ |
| (h) hydrogen peroxide | _____ | (r) dinitrogen tetroxide | _____ |
| (i) methane | _____ | (s) silicon carbide | _____ |
| (j) ozone (trioxygen) | _____ | (t) sulfur dioxide | _____ |

2. Write the names for the following compounds.

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|----------------------------|-------|----------------------------|-------|
| (a) CF_4 | _____ | (k) P_2O_5 | _____ |
| (b) NH_3 | _____ | (l) CH_4 | _____ |
| (c) PBr_3 | _____ | (m) SO_3 | _____ |
| (d) O_3 | _____ | (n) H_2O | _____ |
| (e) F_2 (gas) | _____ | (o) SiO_2 | _____ |
| (f) CS_2 | _____ | (p) PCl_5 | _____ |
| (g) N_2O_4 | _____ | (q) I_2 (gas) | _____ |
| (h) H_2O_2 | _____ | (r) NO_2 | _____ |
| (i) CO | _____ | (s) SF_4 | _____ |
| (j) SiC | _____ | (t) H_2 (gas) | _____ |