

1 Write formulas for each of the following binary compounds, all of which are composed of nonmetals:

(a) dinitrogen pentoxide

(e) carbon tetrachloride

(b) carbon dioxide

(f) dichlorine heptoxide

(c) tribromine octoxide

(g) phosphorus triiodide

(d) dinitrogen monoxide

(h) tetranitrogen hexasulfide

2 Name each of the following binary compounds, all of which are composed of nonmetals:

(a) PBr_5

(e) SiCl_4

(b) I_4O_9

(f) ClO_2

(c) N_2S_5

(g) P_4S_7

(d) S_2F_{10}

(h) IF_6