

Diatomic and Polyatomic elements to MEMORIZE

Monoatomic elements (exist on their own)	C_(s) noble gases all metals
Diatomic molecular elements (exist as pairs)	H_{2(g)} N_{2(g)} Cl_{2(g)} F_{2(g)} Br_{2(g)} I_{2(s)} O_{2(g)}
Polyatomic molecular elements (exist in groups larger than 2)	P_{4(s)} S_{8(s)}