

Ionic and Covalent Compounds

E5

Compound Name to Formula

polyatomic ions

ammonium oxide

trimagnesium diphosphite

ionic example

covalent example

is the compound: **IONIC** or **COVALENT**?

COVALENT: non-metal + non-metal

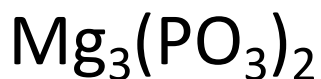
has a prefix in at least 1 element name
prefix is how many of that element you have

tri magnesium di phosphite
prefix element prefix element

prefixes

1	mono
2	di
3	tri
4	tetra
5	penta
6	hexa
7	hepta
8	octa
9	nona
10	deca

formula →



IONIC: metal + non-metal

ammonium

oxide

metal		non-metal	
NH_4		O	
1+		2-	
1+			
2+		2-	

← element symbol

← charge(s)

← do they balance?

added 1 →

formula →

