

QUIZ #24 KEY

Nomenclature

Name: _____

Chemistry -- Block _____

Compound	Ionic or Covalent? (Write out the full word)	For each of the following, write the correct formula (remember, if the compound is ionic, you must include charges in the formula!) or name.
1. potassium phosphate	ionic	$K_3^{+1}PO_4^{-3}$
2. copper (II) acetate	ionic	$Cu^{+2}(C_2H_3O_2^{-1})_2$
3. calcium hydroxide	ionic	$Ca^{+2}(OH^{-1})_2$
4. nitrogen trioxide	Covalent	NO_3
5. aluminum sulfite	ionic	$Al_2^{+3}(SO_4^{-2})_3$
6. lithium nitrate	ionic	$Li^{+1}NO_3^{-1}$
7. phosphorous pentaiodide	Covalent	PI_5
8. $Fe(C_2H_3O_2)_3$	ionic	Iron (III) acetate
9. SiF_4	Covalent	Silicon tetrafluoride
10. $CoBr_2$	ionic	Cobalt (II) bromide
11. AlN	ionic	Aluminum nitride
12. CS_2	Covalent	Carbon disulfide
13. Na_2SO_4	ionic	Sodium sulfate
14. N_2O_5	Covalent	Dinitrogen pentoxide

