**Ionic & Covalent Compounds Worksheet**

Write formulas for the following compounds and classify as ionic (I) or covalent (C):

 I or C

lithium chloride

ammonium permanganate

silver nitrate

zinc hydroxide

carbon disulfide

iron(III) phosphate

copper(I) iodide

tin(IV) fluoride

barium dichromate

beryllium nitrite

 beryllium nitrite

sulfur trioxide

calcium bromide

lead(IV) carbonate

carbon tetrafluoride

strontium sulfide

aluminum acetate

sodium bicarbonate

tin(II) iodide

boron trichloride

dibromine pentoxide

ammonia

silicon dioxide

tetrasulfur tetranitride

magnesium phosphide

copper(I) bisulfite

Write names for the following compounds and classify as ionic (I) or covalent (C):

 I or C

NaClO4

P2O3

Li3P

KHSO4

FeS

PbCrO4

MgBr2

ZnSO4

K2CO3

Cl2S5

H2O

Al2O3

NF3

CO2

NH4NO2

Cu(NO3)2

Ca3N2

AlPO4

Na2SO3

CCl4

KCN

HCl strong acidI

CH4

Ba(OH)2

H2S

LiC2H3O2