

## (L21) Formulas for Ionic Compounds

TODAY'S  
DATE

E.Q.: How can you predict chemical formulas and name ionic compounds

Point Value

Salt - an ionic compound made of one kind of metal atom and one kind of nonmetal atom

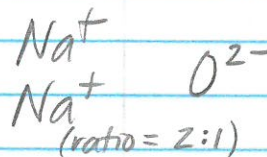
Predicting binary ionic compound (or salt) formulas

example: sodium and oxygen

STEP #1 - write the ions w/ metal 1st



STEP #2 - determine correct ratio for zero rule



STEP #3 - write formula



## Naming binary ionic compounds (or salts)

example:  $KBr$

STEP - write  
#1 the metal potassium  
atom 1st

STEP - change the  
#2 nonmetal  
atom's name potassium  
to "-ide", then bromide  
add it 2nd

Ex