Worksheet – Balancing Equations

Ch 10.1 Std 3a

Name:_____
Period: _____
Date: _____

Directions: Fill in the blanks to balance each of the following equations. If coefficient is one, you must put the #1 in the blank. Blanks to left of the number of the equation will be completed as another assignment tomorrow.

_____1. ____ $Pb(NO_3)_2$ + ____ HCl ---> ____ $PbCl_2$ + ____ HNO_3

_____2. ____ Ca + ____ HCl ---> ____ $CaCl_2$ + ____ H_2

_____3. ____ $MgCl_2$ + ____ NaOH ---> ____ $Mg(OH)_2$ + ____ NaCl

_____4. ____ $Ca(OH)_2$ + ____ H_3PO_4 ---> ____ $Ca_3(PO_4)_2$ + ____ H_2O

_____5. ____ K + ____ O_2 ---> ____ K_2O

_____6. ____ $MgBr_2$ + ____ Cl_2 ---> ____ $MgCl_2$ + ____ Br_2

_____7. ____ MgO + heat ---> ____ Mg + ____ O_2

_____8. ____ Na + ____ HOH ---> ____ NaOH + ____ H_2

_____9. ____ $Cu(NO_3)_2$ + ____ Zn ---> ____ $Zn(NO_3)_2$ + ____ Cu

_____10. ____ K_2CO_3 + ____ $CaCl_2$ ---> ____ $CaCO_3$ + ____ KCl

_____11. ____ H_2CO_3 ---> ____ H_2O + ____ CO_2

_____12. ____ $Mg(ClO_3)_2$ ---> ____ $MgCl_2$ + ____ O_2