**BALANCING CHEMICAL EQUATIONS WORKSHEET**

1. Phosphorus (P4) + Oxygen → Di phosphorus Pentoxide

# P4 + 5O2  2P2O5

1. Potassium Hydroxide → Potassium Oxide + Water

# 2KOH  K2O + H2O

1. Aluminum + Copper (II) Nitrate → Aluminum Nitrate + Copper

## 2Al + 3Cu (NO3)2  2Al (NO3)3 + 3Cu

1. Pentane (C5H12) + Oxygen → Carbon Dioxide + Water

# C5H12 + 8O2  5CO2 + 6H2O

1. Ammonium Dichromate → Chromium (III) Oxide + Nitrogen
2. + Water

## (NH4)2Cr2O7  Cr2O3 + N2 + 4H2O

1. Barium Chloride + Sodium Hydroxide → Sodium Chloride + Barium Hydroxide

## Bacl2 + 2naoh  2nacl + Ba (OH)2

1. Nickel Chlorate → Nickel Chloride + Oxygen

## Ni (Clo3)2  Nicl2 + 3O2

1. Aluminum + Hydrochloric Acid → Aluminum Chloride + Hydrogen

## 2Al + 6hcl  2alcl3 + 3H2

1. Potassium Hydroxide + Antimony (III) Chloride →
2. Potassium Chloride + Antimony (III) Oxide + Water

## 6KOH + 2sbcl3  6KCL + Sb2O3 + 3H2O

1. Ethane (C2H6) + Oxygen → Carbon Dioxide + Water

# 2C2H6 + 7O2  4CO2 + 6H2O

1. Aluminum Oxide → Aluminum + Oxygen

## 2Al2O3  4Al + 3O2

1. Nitrogen + Hydrogen → Ammonia (NH3)

# N2+ 3H2  2NH3

1. Calcium + Water → Calcium Hydroxide + Hydrogen

## Ca + 2H2O  Ca (OH)2+ H2

1. Propane (C3H8) + Oxygen → Carbon Dioxide + Water

# C3H8 + 5O2  3CO2 + 4H2O