

# Write a Balanced Chemical Equation for the Following:

- 1) iron + sulfur                                      iron (II) sulfide
- 2) zinc + copper (II) sulfate                      zinc sulfate + copper
- 3) silver nitrate + sodium bromide              sodium nitrate + silver bromide
- 4) potassium chlorate (heated)                      potassium chloride + oxygen
- 5) water (electricity)                              hydrogen + oxygen
- 6) mercury (II) oxide (heated)                      mercury + oxygen
- 7) potassium iodide + lead (II) nitrate              lead (II) iodide + potassium nitrate
- 8) aluminum + oxygen                              aluminum oxide
- 9) magnesium chloride + ammonium nitrate              magnesium nitrate + ammonium chloride
- 10) iron (III) chloride + ammonium nitrate              iron (III) hydroxide + ammonium chloride
- 11) iron (III) oxide + carbon                      iron + carbon monoxide
- 12) iron + water                                      hydrogen + iron (III) oxide
- 13) aluminum + sulfuric acid                      aluminum sulfate + hydrogen
- 14) sodium carbonate + calcium hydroxide              sodium hydroxide + calcium carbonate

15) carbon dioxide + water

carbonic acid