

BALANCING CHEMICAL EQUATIONS ANSWER

Name: _____

Date: _____

Potassium chlorate

→ Potassium chloride + Oxygen

$2 \text{FeS}_2 + 7 \text{O}_2$

→ $2 \text{Fe}_2\text{O}_3 + 4 \text{SO}_2$

$1 \text{Na}_2\text{CO}_3 + 2 \text{HCl}$

→ $2 \text{NaCl} + 1 \text{H}_2\text{O} + 1 \text{CO}_2$

Dinitrogen pentoxide + Water

→ Hydrogen nitrate

$2 \text{C}_7\text{H}_6\text{O}_2 + 15 \text{O}_2$

→ $14 \text{CO}_2 + 6 \text{H}_2\text{O}$

$1 \text{C}_7\text{H}_{16} + 11 \text{O}_2$

→ $7 \text{CO}_2 + 8 \text{H}_2\text{O}$

Sodium hydroxide + Chlorine

→ Sodium chloride + Sodium hypochlorite + water

$2 \text{Al} + 3 \text{FeO}$

→ $1 \text{Al}_2\text{O}_3 + 3 \text{Fe}$

$1 \text{H}_2\text{SO}_4 + 8 \text{HI}$

→ $1 \text{H}_2\text{S} + 4 \text{I}_2 + 4 \text{H}_2\text{O}$

Tetraphosphorus decoxide + Water

→ Hydrogen phosphate

$1 \text{P}_4 + 5 \text{O}_2$

→ $2 \text{P}_2\text{O}_5$

$1 \text{Fe}_2(\text{SO}_4)_3 + 6 \text{KOH}$

→ $3 \text{K}_2\text{SO}_4 + 2 \text{Fe}(\text{OH})_3$

$2 \text{K} + 1 \text{Br}_2$

→ 2KBr

Magnesium + Nitrogen

→ Magnesium nitride

$1 \text{Fe}_2\text{O}_3 + 3 \text{H}_2$

→ $2 \text{Fe} + 3 \text{H}_2\text{O}$