# **Balancing Chemical Equations**

Balance the equations below:

3) 
$$Z$$
 NaCl +  $I$  F<sub>2</sub>  $\rightarrow$   $Z$  NaF +  $I$  Cl<sub>2</sub>

5) 
$$\underline{l}$$
 Pb(OH)<sub>2</sub> +  $\underline{Z}$  HCI  $\rightarrow$   $\underline{Z}$  H<sub>2</sub>O +  $\underline{l}$  PbCl<sub>2</sub>

6) 
$$2 \text{ AIBr}_3 + 3 \text{ K}_2 \text{SO}_4 \rightarrow 6 \text{ KBr} + 1 \text{ AI}_2 (\text{SO}_4)_3$$

7) 
$$1 \text{ CH}_4 + 2 \text{ O}_2 \rightarrow 1 \text{ CO}_2 + 2 \text{ H}_2\text{O}$$

8) 
$$/ C_3H_6 + 5 O_2 \rightarrow 3 CO_2 + 4 H_2O$$

18) 
$$\underline{\hspace{0.1cm}}$$
 HNO<sub>3</sub> +  $\underline{\hspace{0.1cm}}$  NaHCO<sub>3</sub>  $\rightarrow$   $\underline{\hspace{0.1cm}}$  NaNO<sub>3</sub> +  $\underline{\hspace{0.1cm}}$  H<sub>2</sub>O +  $\underline{\hspace{0.1cm}}$  CO<sub>2</sub>

19) 
$$Z H_2O + I O_2 \rightarrow Z H_2O_2$$

21) 
$$\underline{\hspace{0.1cm}}$$
  $H_2SO_4 + \underline{\hspace{0.1cm}}$   $\underline{\hspace{0.1cm}}$  NaNO<sub>2</sub>  $\rightarrow$   $\underline{\hspace{0.1cm}}$  ZHNO<sub>2</sub> +  $\underline{\hspace{0.1cm}}$   $\underline{\hspace{0.1cm}}$  Na<sub>2</sub>SO<sub>4</sub>

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# **Balancing Chemical Equations Worksheet 110 Answers**

Virginia P. Powell

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