Station 1: Label the type of reaction and solve.

Bromine + Aluminum →

 ${\tt Magnesium~phosphide} \, \rightarrow \,$ 

Station 2: Label the type of reaction and solve.

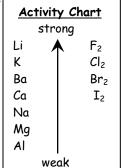
Lithium nitride + magnesium oxide  $\rightarrow$ 

Fluorine + potassium  $\rightarrow$ 

## Station 3: Label the type of reaction and solve.

Lithium + aluminum iodide →

Bromine + barium fluoride  $\rightarrow$ 



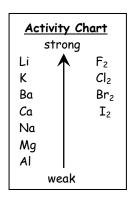
## Station 4: Label the type of reaction and solve.

Strontium phosphate + sodium carbonate  $\rightarrow$ 

## Station 5: Label the type of reaction and solve.

Gallium iodide  $\rightarrow$ 

Sodium phosphide + barium  $\rightarrow$ 



## Station 6: Label the type of reaction and solve.

 $CH_4 + O_2 \rightarrow$ 

$$C_6H_{10}O_4 + O_2 \rightarrow$$

Station 1: Label the type of reaction and solve.

$$3Br_2 + 2A1 \rightarrow 2A1Br_3$$

$$Mg_3P_2 \rightarrow 3Mg + 2P$$

Station 2: Label the type of reaction and solve.

$$2Li_3N + 3MgO \rightarrow 3Li_2O + Mg_3N_2$$

$$F_2 + 2K \rightarrow 2KF$$

Station 3: Label the type of reaction and solve.

$$3Li + AlI_3 \rightarrow 3LiI + Al$$

No reaction

Station 4: Label the type of reaction and solve.

$$Sr_3(PO_4)_2 + 3Na_2CO_3 \rightarrow 3SrCO_3 + 2Na_3PO_4$$

Station 5: Label the type of reaction and solve.

$$2GaI_3 \rightarrow 2Ga + 3I_2$$

$$2Na_3P + 3Ba \rightarrow Ba_3P_2 + 6Na$$

Station 6: Label the type of reaction and solve.

$$CH_4 + 2O_2 \rightarrow CO_2 + 2H_2O$$

$$2C_6H_{10}O_4 + 13O_2 \rightarrow 12CO_2 + 10H_2O$$